**Bheemi Reddy**

**Total Exp:** 9 years

**Date of Birth** : 13-03-1990

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**Profile Summary**

* An enthusiastic IT Professional with a robust programming and software development background having 9 years of experience in R&D, Design, Coding, Testing and Debugging.
* Software application development skills experience with design and implementation of large and complex business applications. Experience in Ecommerce, Storage, Networking, Banking, Finance, Analytics, Telecom, freight & Logistics domains.
* Experience in Database – Oracle, Postgress, MongoDB, MS SQL, MySQL, Db2, Casandra, Liquidbase excellence in database performance tuning, Optimizing Stored Procedures
* Expertise in NoSQL, ELK stack - Elasticsearch, Logstash, Kibana, Message Bus – RabbitMQ, Kafka
* Experience in multiple software languages – J2EE/Java, Hibernate and Spring, PHP, Django framework & Python, C++, C# Asp.Net(.Net family skills), Visual basics
* Hands on experience with DevOps process - CI/CD (Continuous integration/continuous delivery / continuous deployment). Expertise in Authentication - single sign-on (SSO), OpenID, SAML and OAuth2
* Experience in application servers – JBoss, WebLogic, WebSphere, Apache and Tomcat
* Experience with Multithreading/Data Structures and Algorithms, implementation of design patterns and Presentation Layer (JSP/Servlet)/Web Services(Rest & Soap) , SVN,GIT, Github, Bitbucket, GitLab Build and Release, Systems Integration, Agile, Estimations/Planning, OOPS.
* Experience in Application Caching – Redis/Memcached , Application security, Spring boot with Microservices & Docker Kubernetes, AWS Containers with farget and Ec2.
* Experience in HTML, CSS, JavaScript, Angular JS, Node JS, React native, Vue Js, React JS
* Expertise on ORACLE BRM, RADIUS, WebAPI, WebSocket, Scripting, Reporting tools & techniques etc
* Work experience on Big Data, Hadoop, Amazon Web Services, Azure, NetApp Storage, Google Cloud, Elastic Cloud Storage & Salesforce
* Experience with NetApp & EMC Storage and Networking Domains, ONAP, EMC VMAX, EMC VNX, Java, MYSQL, Oracle, EMC Vpelx, Cisco SAN solution, VMware, RCA,,Watch4net and EMC SRM Suite.
* Experience in large scale data analysis on platforms like Hadoop/Spark in Pig / Hive / Spark
* Design and architect complex web applications and workflow management solutions using latest web technologies, with high emphasis on stability, scale, system integrity and performance
* Experience in MTLS, PKI, OpenSSL and API Key, JWT, CRS,RSA key pairs, Certificate Revocation List (CRL), Registration Authority (RA), Symmetric and Asymmetric encryption, MAC, cryptography, Java Security Providers, Java key store, PKI, Certificate Authority.
* Handle technical requirement gathering, technical design, development and validation of the custom workflow on projects of various degrees of complexity in an independent manner working with the project teams.
* Responsibilities include Feasibility analysis, Estimation, Requirement Analysis, Develop prototypes, Software Development, Code walkthrough and Integration Testing.
* Independently handling the implementation & provide workflow solution to technical gaps within the product

Certifications

* Certified Project Management Professional(PMP)
* Java SE 7 Programmer Oracle Certified Professional
* Oracle Certified Professional (OCP) MySQL 5.6 Developer
* Professional Scrum Developer™ (PSD)
* Sun Certified Enterprise Architect for the Java EE 5
* Microsoft Certified Solutions Developer
* AWS Certified Solutions Architect - Professional
* Programming in C# Specialist
* Salesforce Certified Technical Architect
* Red Hat® Certified JBoss Developer (RHCJD)

Professional Experience

*Currently working as a Freelancer Developer & available to join Immediately*

Previous Employers

1. **Hunter Douglas**– ***Lead Developer (Team Lead),*** 0.6 years(May 2019 – Oct 2019), **Colorado**
2. **NetApp** – ***Senior Principal Development Engineer*,** 0.5 years(Sep 2018 – Jan 2019), **Bangalore**
3. **Pen Softwares** – ***Software Architect*,** 7.8 years (Jan 2011 – Aug 2018)**, Bangalore**

**Projects Summary**

**Project:** **Shade-O-Matic**

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| **Company:** Hunter Douglas **Duration :**  May 2019 – Oct 2019 |
| **Employment Type:** Full – Time **Role:** Lead Developer(Team Lead) |  |

**Project Details:** Hunter Douglas N.V. is a Dutch multinational corporation founded in 1919. Its principal business is making window blinds and coverings. Shade-O-Matic®, has been a part of the Hunter Douglas Group of Companies, a world leader in the window covering industry.

**Roles & Responsibilities:**

Give technical direction, streamline and automate internal processes, and improve the e-commerce platform. Requirement designing and build a strategy to implement it. Responsible for iteration planning, tracking, working with release management. Streamlined development process by developing continuous integration tools. Designed and developed transactional and analytical data structures. Developed code fixes and enhancements for inclusion in future code releases and patches. Work closely with senior management to develop and design the business requirements.

**Database Design Application Development**: Design and develop several websites using SQL, various ORMs, and Java, J2EE, Spring, Hibernate, Angular JS, Node Js, React Js, Vue Js, Perl, Phython, C#, Asp.net, Vb6. Create several small helper applications to simplify day-to-day tasks. Develop reports to query across several databases and display aggregated data.

**Platform Migration**: Scoped in-house e-commerce platform to replace troubled 3rd party system. Presented cost/benefit analysis to upper management for approval. Customized solution to meet business needs and ported data with no down time.

**New Site Launches**: Develop & Launch e-commerce sites and content sites in Production, SAT & UAT. Manage Bit Bucket repository and verify the code push by the internal team.

**E-Commerce Migration:** Migrated company web sites to a new e-commerce platform with minimal downtime and interruption. Created new designs, ported customer and catalogue data, and implemented business logic customizations.

**Business Automation:** Automate key business processes allowing the company to operate more profitably by reducing costs and lowering staffing needs. Examples include best way shipping, packing slips, address verification, carrier integration, and development of inventory management system.

**SEO:** Build Artificial Intelligence based web analytics to predict the product sales to improve positioning for strategic keywords within organic and paid search. Increases in Google quality scores have led to savings in cost per acquisition. Implemented search engine optimization techniques to improve position in Google and MSN indexes. Resulted in first page placement for several strategic keywords and vastly improved organic traffic.

***Skill Used:****Java-J2EE, Hibernate, Spring ,Mysql, Data structures, Algorithms, Design patterns, HTML, Servlets, CSS, Java Script, Angular JS, APIKey, JWT, Node Js, React Js, Vue Js, Perl, Phython, C#, Asp.net, Vb6, BitBucket, Jenkins, Rest, Soap, AI( Artificial Intelligence), Data Science, ERP Systems, Selenium, Junit, Amazon Web services,* *cryptography, Java Security Providers, Java key store, PKI, Certificate Authority*

**Project:** **NetApp OnCommand Unified Manager**

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| **Company:** NetApp **Duration :**  Sep 2018 – January 2019 |
| **Employment Type:** Full – Time **Role:** Senior Principal Development Engineer |  |

**Project Details:** NetApp OnCommand Unified Manager is specifically designed to support the innovative capabilities of ONTAP software. It allows you to easily monitor the health, availability, capacity, performance, and data protection status of your NetApp clustered storage and provides alerts and notifications for proactive management.1 It also provides AI based timely system analysis and recommends solutions to performance issues

**Roles & Responsibilities:**

* Participated in the entire phase of development cycle from design, testing, and implementation
* Design and Implement new product features.
* Consulted with clients to gain an understanding of their IT needs, budget, and their current operating environment then designed storage solutions to meet those criteria
* Planned and implemented NetApp storage solutions in live production environments
* Developed front-end and server-side software solutions
* Work closely with other team members to plan, design and develop robust software solutions
* Meeting clients and understanding products and services range
* Developing website layout, application and functions layout
* Develop storage management solutions as per client requirements.
* Suggested improvements for storage management tools for client locations.
* Participated in Development of storage management processes in operations framework.
* Provided assistance for utilization of NetApp storage features.
* Implement storage management systems and documented storage management practices.
* Upgraded Data ONTAP and firmware system implementation.
* Monitored and reported data management systems with OnCommand tools.
* Prepared aggregates, volumes and other storage management tasks.

***Skills Used :*** *Java, J2EE Java Beans,Spring, Hibernate, JPA, Soap and Restful Webservices, Gradle, ant, maven,Nexus, ZAPI, JMS,  Perl/Shell scripting, Junit, HTML, Css, JavaScript Angular Js, Ruby, AI(Artificial Intelligence), HDS Device manager 7.3, HDS Tuning manager 7.4 ,Navisphere Manager 6.26, Fabric Manager /Device Manager 3.22 , Solutions Enabler, SAN Screen, Data ONTAP 7.2.3, Operations Manager,* *Navisphere Analyzer, Event Monitor, Performance Manager, Storage Scope, WLA,* *Snap View Clone, Snapshot ,True copy, Mirror View, Shadow image, Open Migrator, Open Replicator,* *cryptography, Java Security Providers, Java key store, PKI, Certificate Authority Snap Mirror, Snap Vault, Sync Mirror, Snap Restore, and Vol copy,* *Solaris, HP-UX, Windows,* APIKey, JWT *Terraform, Chef, Ansible, AIX, Veritas, VMware,* *Cloud infrastructure provisioning and configuration, VED, RTP, NBS etc*

**Project:** **Southern Phone** **CAM Portal**

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| **Client:** Southern Phone  **Duration:** April 2018 – May 2018 |
| **Employment Type:** Full – Time **Role:** Software Architect |  |

**Project Details:** Southern Phone Company is one of the largest and most successful providers of fixed line, mobile and Internet communications services in regional Australia. They have a legacy customer portal which has lot issues with Vocus intergartion. Vocus NBN Connect is intended to be a transparent service of the NBN which removes the large up-front capex or setup costs for the NBN POI connection. The NBN network is made up of a mix of technologies, using best-fit technology for each area and Vocus NBN Connect allows connection to all these technologies – FTTP, Fixed Wireless, FTTN, FTTB & HFC.

**Roles & Responsibilities:**

* Facilitate and collaborate with scrum teams and product owners to create technical architectural documentation.
* Handle technical requirement gathering, technical design, development and validation of the custom workflow on project.
* Assist product development teams to provide technical leadership and guidance.
* Document current, intermediate, and future state technical architectures that support the product’s vision and mission.
* Lead the technical direction of the product.
* Assess options, risks and cost-benefit analyses as they pertain to data architecture, security, and other technology issues.
* Outline technical recommendations and identify technological requirements that support the product roadmap.
* Develop a technical roadmap that maps to the product’s future state.
* Promote technical standards, guidelines, best practices and quality control measures for enabling and implementing software systems.
* Develop a foundational strategy to scale our platform to meet upcoming growth.

***Skills Used :*** *Java 1.8, Core Spring Framework, Webservices (Rest/SOAP), Micro services, Spring Boot, Spring REST, Spring Data/JDBC, Spring Batch, Oracle, PL SQL,* *APIKey, JWT Unix/Linux, Git, Testing Framework - JUnit Mockito, Swagger, C#, Asp.net, PERL, PHP & SSL, shell scripting on Unix platform &networking protocols like IP, TCP, SCTP, Ruby, ONAP, ORACLE BRM & RADIUS*

**Project:** **Trade Finance System**

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| **Client:** MayBank **Duration :** Jan 2017 – Mar 2018 |
| **Employment Type:** Full – Time **Role:** Software Architect |  |

**Project Details:** MayBank Online Banking, MayBank's Web-Based Corporate Banking Platform, offers browser-based, around - the - clock access to and control of trade transactions from anywhere in the world. It is currently getting transformed from J2EE application to SOA application. The new application adopting the latest technologies (SOA architecture style and SOMA practice) and products to remove scalability and capacity limitations in the existing platform to meet the growth demands, and also to free up our resources from maintaining home grown infrastructure services to focus more on delivering technical solutions to meet business needs. It is centralizing common components to encourage applications to share common components such as security, entitlement, activation, data definitions, UI presentation, Business services technology platforms and enabling better integration across various applications. There are external as well as internal web services deployed from this new platform.

The existing portal meets the business needs across the global for financial domains such as Payments, Receivables, Investments, Cash Accounts and Trade etc. This project contains generally SIX main platforms like Online Processing Platform, Batch Processing Platform, Distributed Cache, and Enterprise Services Bus. Messaging Platform and Reporting Platform.

**Roles & Responsibilities:**

* Responsible for the technical design, development, unit and integration testing.
* Followed Agile software development with Scrum methodology.
* Prepared the class diagrams, sequence diagrams etc. as part of the design.
* Working in Core Corporate Banking software development for Maybank Malaysia.
* Closely worked with Analysts and FRD and handled all Core bank validations, Augmentations and preferences development in the framework level.
* Developed code using Design Patterns like Facade, Observer, Mediator,Adapter, Singleton and ProtoType etc
* Was responsible for developing the XSD's and WSDL's.
* Handling dependencies using Spring configurations and used JPA and Hibernate as the persistent side frameworks.
* Configured the POJOs with backend tables in Hibernate to achieve the associations.
* Involved in writing complex SQL queries
* Wrote Test cases with JUnit and tested the coverage with Cobertura for every deliverables.
* Worked in WSDL creation and WebService development section of the project.
* Created the GIT Repository and managed the central file repository.
* Apache CXF is used as WebService deployment Framework
* Understanding the customer requirements, mapping them to functional requirements and creating Requirement Specifications.
* Involved in task prioritizing, estimation and distribution across the team.
* Providing technical guidance to the team in the Validation and Augmentation areas.
* Training the new resources in the technologies and tools used in the project.
* Closely working with management & leads to identify and mitigate the risks identified.
* Document prepared and reports generated for all the working sections.

***Skills Used****: Java 1.8, Web Services,****Spring****Framework 5.0., Hibernate 5.3 with annotations, CXF, WebSphere Object Grid and WebSphere Compute Grid, WebSphere 8.5****Database:****Oracle 12c, IBM Rational Software Architect (RSA), IBM Rational Application Developer (RAD), IBM Clear case,Aws Python,Log4j,****JUnit****5,****EasyMock****, Java docs, XML. Business Objects, APIKey, JWT Microsoft Share point, AbIntio, Tibco BW, CA Site Minder,ONAP and Oracle Entitlement Server.*

**Product: ACI Universal Payments**

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| **Employment Type:** Full – Time | **Duration:** Sep 2016 – Jan 2017 |
| **Project Location:** India | **Role:** Senior Software Developer |

**Product Details:** ACI Worldwide provides electronic payments solutions to the world’s top financial institutions, retailers and payment processors. ACI universal payments collects the data in the form of metrics from different sources such as Internet Banking, Debit card transactions, Credit card Transactions, ATM transactions etc

**Roles & Responsibilities:**

* Involved in integration testing and deployment of the module as part of the overall application. I was a part of product design & development, Implementations, Version enhancements, Bug fixing, Mapping and functionality, Documentation etc.
* I was tasked with doing Research & Development on this product. ACI universal payments was using ED system and it use to respond very slow. I have success fully replaced their ED system to Thru environment and developed their customer data interface from the sales force which is a cloud platform.
* Designed and developed a solution which combines consumer-style features such as account overviews, transfers, alerts and electronic bill pay with more advanced cash management capabilities. This solution accesses a central database that can be updated in near real-time with transactions from online payment engines. This helped the ACI universal payments to handle metrics steam to collect and push data to the banking environments. The core modules of Payments Manager are designed to streamline and automate daily settlement processes and card issue functions including fee processing and funds movement and customer and card instrument management.
* This was one of the most business-critical deliverables which was delivered by us with minimal deviation from the project schedule and minimal amount of defects. The defects that were encountered during SIT/UAT phases were mostly cosmetic ones and change requests on the GUI front and hardly in business front, thereby implying the clarity in the understanding of the overall requirements by us. I received accolades and client appreciation from various hierarchies from the client side following the successful roll-out of this initiative in production.

***Skill Used:****Java-J2EE, Hibernate, Spring ,Mysql, HTML, CSS, Python,* *OpenSSL, Java Script, Tomcat, Thru environment & ED environments,Aws Salesforce, cryptography, Java Security Providers, Java key store, PKI, Certificate Authority Soap & restful web services*

**Project:** **Actuarial Calculation Engine**

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| **Client:** Zurich Cantonal Bank **Duration:** April 2016 – Sep 2016 |
| **Employment Type:** Full Time **Role:** Software Developer |  |

**Project Details:** Zurich Cantonal Bank is a financial services company, the largest bank holding company in the United States, by assets, and the second largest bank by market capitalization. Zurich Cantonal Bank serves clients in more than 150 countries and has a relationship with 99% of the U.S. Fortune 500 companies and 83% of the Fortune Global 500. Its Production support project. Need to give support 24 hours. Project is designed in Java/J2ee and Report was designed using Cognos. There are lots of automated jobs written and scheduled through unix shell script.

**Roles & Responsibilities:**

* Multi-channel system for originating and processing a full range of credit product applications such as Loan, Line of Credit, Visa, etc.
* This web-based application was built using Agile development practices using Extreme Programming.
* Designed, implemented and tested the Spring Domain Model for the services using Core Java.
* Developed presentation layer using JSP, HTML, DHTML, CSS, AJAX, JavaScript, JSTL Taglibs.
* Involved in implementation of application using conventional design practices (SOA-Service Oriented Architecture, MVC-Model View Controller).
* Was responsible to communicate with End client to support the application and analyze the issue and fixed the issue.
* Have worked on Oracle 10g data base for storing and retrieving the application data
* Implemented procedures, packages, triggers, and different Joins to retrieve the data base using PL/SQL, SQL scripts. Created DDL, DML scripts to create tables and privileges on respective tables in the database.
* Was sole responsible for deployment and requirement analysis with client.
* Used to analyze large volume of data in Unix environment during production hours.
* Collaborated on design spec reviews together with Business Analysts
* Involved in web component design and development using the spring framework, JSP, Servlets, and taglibs.
* Worked on Ext JS for user interface widgets with High performance scalable grids, trees and menus.
* Involved in loading and storing objects using Hibernate.
* Involved in configuring Hibernate mapping file.
* XML was used to create the db schema-mapping file for Hibernate.
* As a member of One Zurich Cantonal Bank team my contribution also involved migrating existing application to robust Java Portal technologies
* Helped a team in performing Cactus tests using JUnit and automation scripts for UI
* Worked on SSO to integrate security for user authentication.
* Managed tasks and acted as point of contact for off-shore team coordination
* Develop technical design documents UML, reverse engineering code

***Skill Used:****Java-J2EE, Hibernate, Spring ,Oracle, OpenSSL Jsp, Python,Aws, Java Script, Angular JS, Node Js,* *cryptography, Java Security Providers, Java key store, PKI, Certificate Authority Tomcat, Perl & shell scripting, PHP & Rest full web services*

**Project:** **EMC ViPR SRM**

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| **Product:** EMC ViPR SRM **Duration:** May 2015 – Nov 2015 |
| **Employment Type:** Full-Time | **Role:** Software Developer |

**Product Details:** EMC ViPR SRM is storage resource management software that enables IT to visualize storage relationships, analyze configurations and capacity growth, and optimize resources to improve return on investment (ROI) in traditional and software-defined storage environments. EMC ViPR SRM enables Clients to visualize applications for storage dependencies, analyze configurations and capacity growth, and optimize Clients environment to improve return on investment (ROI).

**Roles & Responsibilities:**

* Design and development of scalable enterprise application using Java, Eclipse/ J2EE, tested programming code & Applications, collaborated with team and management.
* Responsible for analyzing and fixing production level defects.
* Worked on Batch job- was responsible for creating shell script, making code changes, deploying war file to UNIX server, and running scripts for testing.
* Responsible for High Level Design and creating Detailed Design documents.
* Developing System Interfaces (Web Services) to send the request to Symmetrix VmaX and DMX controllers (Open and Back end Mainframe System) and to get the response from it.
* Multi-tiered enterprise application on open source platforms utilizing Java/J2ee, XML, SQL, Hibernate, Web Services, MySQL, Maven, Eclipse.
* Wrote the Apache Spark jobs as the part of ETL to transform the cleansing data into different dimension.
* Involved in the OOZIE configuration and deployment to schedule the Spark jobs.
* Implemented Business Logic following MVC architecture using Delegate and DAO patterns..
* Involved in Project Architecture, Functional analysis, Process Work Flow and designing.
* Design/implementation of backend servers and command line support systems running on JEE standards.
* Analyzed, Designed and developed database layer using Hibernate, Oracle 11g for user requisition generations.
* Involved in doing AGILE (SCRUM) practices. Involved in planning of sprint attending daily agile (SCRUM) meetings and SPRINT retrospective meetings.
* Oversight and review of the Overall ETL architecture from data ingestion, cleansing, transformation and reporting.
* Used Hibernate for persistence logic, which consisted of creating XML mapping files and HQL queries.
* Involved in data modelling and design the schema to represent the multi-layered data dimensions.
* Intelligently classify product information from the web using predictive analytics
* Worked as Scrum Master for geographically distributed teams implementing agile practices.
* Developed business tier using Servlets, Java Controller, Database design, writing SQL scripts.
* Fix reported bugs of already implemented changes Cooperate with Team Members during concurrent developments.
* Participate in planning, estimation, daily scrum and retrospective meetings.
* Part of core development team doing implementations and analysis on the bugs of the product which were not able to fix by the L3 and development team. This product collect data stream from the Storage environments. I was a part of designing the property store for the collection of metrics stream. If any data is missing from the customer environment then I use to define the business logic to collect the missing metrics objects data to generate analytics report.
* Involved in product design & development, Implementations, Version enhancements, Bug fixing, Mapping and functionality, Documentation etc.

***Skill Used:****EMC Storage and Networking Domains, EMC VMAX, EMC VNX, Java, Cloud infrastructure provisioning and configuration. MYSQL, Oracle, EMC Vpelx, Cisco SAN solution, VMware, Xml,Linux, RCA,Watch4net, Python, EMC SRM Suite, Perl & Shell scripting, SMTP, SNMP, Terraform, Chef, Ansible, Rest full and soap webservices.*

**Project:** **Genaplha Gensuite**

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| **Client:** Gen Alpha **Duration:** Jan 2015 – May 2015 |
| **Employment Type:** Full – Time **Role:** Software Developer |  |

**Project Details:** GenSuite is a Web-based Solution that transforms the shopping experience in the aftermarket part sales business. It is B2B e-commerce solution. Typical customers are industrial equipment or vehicle manufacturers. GenSuite integrates with the customer’s ERP systems for real-time pricing and availability information, creating quotations and placing orders online. The end-product is a visually rich web-application that allows the user to search parts directly or through their machine, view its engineering breakdown, interact with the 2D drawings and 3D models, identify a part and add to their shopping cart.

**Roles & Responsibilities:**

* Worked with Business Clients on requirements gathering to better architect the working software product.
* Created requirement specifications, system flow(current state/future state presentations), user stories etc
* Conducted demo meetings to present new feathers being implemented to the stake holders as part of the Agile XP practices.
* Implemented Spring MVC framework.
* Architected the solution for application security including Tomcat server security, LDAP authentication and authorization (users have restricted permission to the application depending on their role).
* Implemented Spring ORM Framework using Hibernate to develop Persistence layer.
* Implemented Spring DAO Module to handle exceptions and error's thrown by various Database vendors.
* Designed Tables, constraints, necessary stored procedures, functions and packages.
* Wrote hibernate configuration file, mapping files and DAO classes required for implementation hibernate as a persistence layer for the application to interact with the database.
* Used HQL(Hibernate Query Language)  to write static and complex quries while communicating with Oracle 10G database.
* Used JPA with entity beans to interact with persistence layer for CURD operations.
* Developed the application front end using Richfaces.
* Developed Backing beans, Service classes and Dao Classes.
* Used spring annotations for dependency injection.
* Implemented hibernate code for making bulk updates to the database when user selected mutliple  roles on the screen for the update/edit/delete/add.
* Involved in developing the front-end components using Html, css, Ajax,jstl,javascript and Jquery.
* Developed code for providing email capability using Restful web service framework.
* Developed Client for interacting with Restful web service for proving real-time email capability to the system.
* Used java Mailing service for emailing the letters to customers.
* Utilized Log4j for request/response/ error logging.
* Used Maven for building the application, and completed testing by deploying on application server.

***Skills Used :*** *Java, JSP, JSF, Servlets, JDBC, Java Beans, Swing, OOAD, Spring,Structs, Hibernate, JPA, Soap and Restful Webservices, JMS,  Perl/Shell scripting, Junit, HTML, Css, JavaScript Ajax, Jquery,Jstl, Oracle, Jason etc*

**Project:** **Payments & Loyalty**

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| **Client:** Pay Span **Duration:** Apr 2014 – Jan 2015 |
| **Employment Type:** Full – Time **Role:** Software Developer |  |

**Project Details:** Payspan facilitates and simplifies complex financial transactions, providing value to all constituents. Through industry-leading electronic healthcare payments and reimbursement platform. It is developed using a leading edge object oriented, distributed, middleware technology in a three-tier architecture.

**Roles & Responsibilities:**

* Responsible for requirements gathering by coordinating with Business Analysts at the client site, interacting with client-base/onsite developers to validate the understanding, create a logical segregation within the team (consisting of 5 resources) based on front-end and back-end (SQL based) tasks involved in the initiative and eventually distribute the work evenly amongst team members to meet the incremental delivery schedule.
* Involved in the analysis of which framework should be used for the Project by writing POC Pros and cons of different frameworks and developed middle tier using Session Bean, Entity Bean and presentation layer made use of JSP.Wrote a customised error page with dynamic error message display and Customised exception classes for handling and informing Business exceptions.
* Developed the front-end using Java Swing (involving UI design, user generated event handling, incorporation of underlying functionalities as per the laid down specifications) and also involved himself in incorporating business logic in SQL code (stored procedures).
* Involved in Design, Development, Testing and writing Technical and Functional test scripts. I was a part of the implementation of the required Java Beans used by the JSP components. Contributed to project by working on end to end flow - developing JSP's for front end, by developing Servlets, BO classes in middle tier and to database front by writing various SQL queries and Stored Procedures.
* Once the assignments were done, I will divide the allocation into two parts – one in which I worked as a developer myself and the other in which I use to review the work performed by fellow team-members before the final delivery from the team as a whole.
* Involved in providing a day-to-day feedback to the onsite partners on the progress of the overall work in terms of percentage completion of the individual resources, their planned availabilities, actual availabilities, discrepancies between planned and actual effort, and similar metrics to indicate the overall progress of the deliverable and to ensure that deadlines were met with almost zero deviation and defects.

***Skill Used:****Java, J2EE, JSP, Servlets, Java Script, Custom Tags, JDBC, XML, JAXB, XSLT, Oracle, Sybase, Websphere 4.0 Application Server, Log4j, UML, Rational Clear case, Windows NT*

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**Project:** **Jet Air – Ticket Sales And Accounting System**

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| **Client:** Jet Air **Duration:** June 2013 - Mar 2014  |
| **Employment Type:** Full-Time | **Role:** Software Developer |
| **Project Details:** This is a custom software development project for the aviation industry. The Application is going to serve the Comprehensive Management of Ticket Sales And Accounting System for Jet Air which is to make their the process automated and smoother with a migration from FoxPro System to a 3-tier Enterprise Application based on COM Plus Technology. **Roles & Responsibilities :*** Designed the application framework of VB COM Model and the User Interfaces as per the functionalities.
* Developed the VB Component at Middle Tier using COM+ Technology. The components were deployed in COM+. I was involved in understanding the databases and build up database objects.
* Designed and developed few user interfaces in ASP to make some part of the project as web enabled.
* This web-based application was built using Agile development practices using Extreme Programming.
* Participating in user requirement sessions to gather business requirements.
* Involved in Analysis, Design, Development, Integration and Testing of application modules.
* Participated in the design meetings and created class and sequence diagrams from the Design Documents for the modules assigned to me using UML.
* Implementing MVC Architecture using Spring Framework, customized user interfaces.
* Developed user interface using AJAX, HTML, CSS JavaScript to simplify the complexities of the application.
* Was responsible to communicate with End client to support the application and analyze the issue and fixed the issue.
* Worked on Ext JS for user interface widgets with High performance scalable grids, trees and menus.
* Was sole responsible for deployment and requirement analysis with client.
* Used to analyze large volume of data in Unix environment during production hours.
* Created SQL Map config files to create the sql queries, map the data and objects to retrieve data from the database using IBATIS. Injected objects using Spring dependency injection concepts
* Have worked on Oracle 10g data base for storing and retrieving the application data
* Implemented procedures, packages, triggers, and different Joins to retrieve the data base using PL/SQL, SQL scripts. Created DDL, DML scripts to create tables and privileges on respective tables in the database.
* Connected to Web Services applications using AXIS and integrated it with maven and Spring.
* Created a batched job which retrieves the records from the database and sends the data to the letter generating web service.
* Maven is used to create build file and does Unit testing by creating Test Suites using JUnit Framework.
* Solving the issues found during the testing phase for all the modules that developed. Extensive troubleshooting and stress testing for the developed module and improved the performance of the application.
* Involved in code versioning, Check In, Check outs and code merging using SVN versioning tool.
* Worked on SSO to integrate security for user authentication.
* Involved in the integration of all the 3-tiers of the architecture consisting of Data service layer, Business Object layer and Presentation layer (front frameworks).
* Involved in the integration testing and made sure the data flows correctly from one sub system to another.
* The software uses a Visual Basic user interface with SQL Server 2005 as the backend database. The business objects will reside in VB COM at Middle Tier.

***Skill Used:****Windows 2007, MS Visual Studio 6.0,MS SQL Server 2005,COM+, ASP, (.Net family skills), DreamWeaver3.0,* *ORACLE BRM* |

**Project:** **Trade Entry & Exit Software**

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| **Client:** Daytrack **Duration:** Jan 2013 - Sep 2013  |
| **Employment Type:** Full-Time | **Role:** Software Developer |
| **Project Details:** A UK Company trades in the retailing of currency pairs on the Foreign Exchange Market. The company needed a system that could follow and trade currency pairs for twenty-four hours a day, seven days a week. The software was required to monitor twenty currency pairs all the time and - following certain parameters - if trading opportunities arose, the software package would not only find these trading opportunities, but would enter those trades to the Forex Market Place. Furthermore, once the trades had been successfully entered on the market, They wanted the system to monitor them through their life cycle, and once spent, be taken out of the market, so that the company could bank any profits that had been made. Without such a system in place, the company was missing a great deal of Forex trading opportunities.**Roles & Responsibilities :*** Customized Response Management module that captures the response in the system on receiving incoming MT565 messages from the clients and sends the MT567 messages to the clients
* Worked on Notification Management module that sends multiple Swift MT56X messages to the clients
* Implemented the web application using Struts MVC architecture
* High level and low level design and development using Spring framework in conjunction with Hibernate
* Server configuration handling and database schema design and creation
* Batch job creation for payment acceptance and database loading
* Functional requirements gathering and elicitation
* Customized Business Partner module that allows the user to set up business partner details and associated information per customer requirement. It also allows the user to assign various roles to a Business Partner
* Customized Entitlement computation module that computes the entitlements corresponding to the eligible accounts (on an event) per customer requirements
* Developed entire application using using Struts framework and used JavaScript throughout the web application
* Validated the requirements to suit the J2EE Architecture
* Designed the Application based on J2EE Architecture for server side and designed the front-end based on Struts framework for web application
* Used WSAD IDE and Apache Tomcat application server
* Extensively used PL/SQL to run the queries and stored procedures and triggers to access the relational database systems
* Maintained source version control through VSS
* Worked on Event Information module that creates an event in the system after capturing the Golden Announcement from the market
* Developed entire application using Struts framework based on MVC architecture
* Used Ecplise IDE and Weblogic web server
* Maintained version controlling using Clear Case and used Log4j for writing the log files

***Skill Used:****Java, Java (J2EE, EJB), Eclipse, Struts, Rest, JavaScript, Bootstrap, AJAX, JSON, HTML5/4, CSS3, AngularJS, NodeJS, JQuery, Hibernate, Spring, JSON, XML, XPath, XSD, XSLT, JSP, Servlets, Spring, ORACLE BRM,Oracle.* |

**Project:** **Electronic Lock Management System**

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| **Client:** Chubb Locks Custodial Services (CLCS) **Role:** Software Engineer |
| **Employment Type:** Part-Time | **Duration:** Aug 2011 - June 2012  |
| **Project Details:** Chubb Locks Custodial Services (CLCS) required a new management system to support their next generation of sophisticated microprocessor controlled locks. CLCS wanted expert professional software support to tackle the development within the required timescale and invited PenSoftwares to design and implement the new system. **Roles & Responsibilities :*** Worked closely with CLCS and their other sub-contract partners to implement the new scaleable and expandable management system. The resulting software suite supports two different ranges of custodial electronic locks.
* Designed a complete control system, allowing operators to see the status of all locks and other devices in the system, as well as implementing sophisticated features such as time-based locking and interlocking along with built-in redundancy support.
* Successfully completed the Architecture, Detailed Design & Development of modules Interacted with end users to gather, analyze, and implement the project.
* Customer collaboration over contract negotiation and Responding to change over following a plan has been achieved using Agile Development.
* Worked on agile approaches, including Test-Driven Development and Scrum.
* Provided end-to-end support for Enterprise Architectures, from requirements analysis and process modeling with IBM Rational Rose.
* Developed business objects, request handlers and JSPs for the Project I site using JAVA (Servlets).
* Developed dispatcher Servlets class to handle all the requests matching the URL pattern
* Designed an ER Diagram for all the databases using the DB Designer an Open Source Tool.
* Responsible in providing UAT and Production support for Application.
* Developed dispatcher Servlets class to handle all the requests matching the URL pattern
* Developed and Used the Eclipse Web perspective to develop, edit and debug applications in Eclipse.
* Created and executed Test Plans using Quality Center by Test Director.
* Mapped requirements with the Test cases in the Quality Center.
* Extensive experience in OOA and OOD techniques using UML in Rational Rose and RUP (Rational Unified Process)
* Created test cases and ran test cases in Mercury quality center test directory.
* Involved in High level estimation of project schedules, project time lines and project deliverable meetings.
* As a part of Deliverable material created System Administration guide and created User Training Guide.

***Skill Used:****Java, EJB1.1, J2EE, JSP, Servlets, Cleveland Framework, Site Minder, Custom Tags, JDBC, Oracle, Oracle9iAS Application Server, Java Script, Mail Server, JMS, SOA, XML, JAXB, XSL, XSLT, SOAP, MTOM, TCPIP, TLS, PKI, WSDL, SAML, WSDL, XSD, XPath, LDAP Server, Log4j, UML, Rational Rose, (ClearCase, ClearQuest, SoDA, RequisitePro, TestManager), DAO, JTest, Jacobe, MDB, Windows NT* |

**Project:** **School Bus Tracking System**

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| **Product Name:** School Bus Tracker **Role:** Software Engineer |
| **Employment Type:** Part-Time | **Duration:** Jan 2011 - Sep 2011  |
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| **Project Details:** School Bus Tracker is the flavour of vehicle tracking system specialized for parents of kids using school bus transport. The application sends the SMS alerts to the parents just few minutes before arrival of bus to its designated stop, thus saving the precious time by avoiding long wait for bus. Parents get a sense of security by knowing the current location of bus in case of emergencies like riots, abnormal weather conditions, traffic jams etc. By using RFID technology, it is easy to track the student thus enhances the security and safety in selected zone. The application of active RFID in a student monitoring system is to improve faculty and School management system to monitor students. The School Bus Tracker is based on the globally known and proven Global Positioning System technology. This is how a global courier companies keep track of millions of packages it sends around the globe, how a global oil company monitors the location and movement of its colossal fleet of delivery vehicles. We have customized the same advanced technology to suit school’s specific requirements and bring a world of benefits and conveniences.**Roles & Responsibilities :*** Developed Application based on Struts framework using MVC design patterns
* Develop front end depending on the Use case specifications with the specific technologies.
* Developed and run the batches that are to be run periodically(either daily or monthly)
* Involved in the Parsing of internal XML format document to retrieve the information and to pass them to Struts Action class for further processing.
* Extensively worked on java Multi-threading programming, Synchronization, Java Mail API and Collections API for concurrent product models upload/download process.
* Widely used Design Patterns like DAO, Singleton in the process of system designing and development.
* Was responsible to communicate with End client to support the application and analyze the issue and fixed the issue.
* Responsible for writing Unit test, Acceptance test case and Selenium test’s.
* Involved in supporting and maintenance, Transition Activities and Production Support.

***Skill Used:****Java, EJB1.1, J2EE, JSP, Servlets, Cleveland Framework, Site Minder, Custom Tags, JDBC, Oracle, Oracle9iAS Application Server, Java Script, Mail Server, JMS, SOA, XML, JAXB, XSL, XSLT, SOAP, MTOM, TCPIP, TLS, PKI, WSDL, SAML, WSDL, XSD, XPath, LDAP Server, Log4j, UML, Rational Rose, (ClearCase, ClearQuest, SoDA, RequisitePro, TestManager), DAO, JTest, Jacobe, MDB, Windows NT & PHP* |

**Education**

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| Qualification | Percentage  | Board/University |
| High School | 84 | Velanganimatha English medium school |
| Intermediate | 85 | Narayana Junior College |
| B.E | 70 | SDM College of Engineering & Technology |

Declaration

This is to affirm that the information contained in this document is true and authentic. References and supporting original documents can be provided on demand.

**Place: Bangalore, India Bheemi Reddy**