**Santhosh Bandaru**

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**Summary**:

* 8 years of experience in IT industry as Java/J2EE Developer, worked in the areas of Analysis, Design, Development, Production Support and Deployment of Web based applications using Object Oriented Concepts, Java and J2EE, Web Services (SOAP, RESTful, WSDL), JavaScript, AWS, JDBC, Servlets, Struts, Jenkins, AJAX, HTML and XML, JMS.
* Hands-on experience using Spring Framework in business layer for Dependency Injection, AOP, Spring MVC, transaction management and using Hibernate as a persistence layer.
* Strong experience in software development methodology such as Agile
* Having knowledge on Java 1.8 features like Lambda expressions and functional interfaces, and Parallel Streams.
* Experience in AngularJS, ReactJS, NodeJS frame work.
* Extensive knowledge on the spring modules like Spring IOC, Spring Boot, Spring DAO, Spring Web flow, Spring Security, Spring MVC and Spring AOP.
* Extensive knowledge and working experience of web development technologies such as, JavaScript, jQuery UI, AngularJS, SS3, SASS and Bootstrap.
* Proficient in using RDBMS concepts and have experience in working with multiple relational databases such as Oracle, DB2, MySQL and NoSQL database like MongoDB, Cassandra DB, Couch DB.
* Experience in writing SQL queries, stored procedures, functions, packages, views, Triggers, data connectivity and data integration of Oracle.
* Worked on B2B development works on BEA WebLogic 9/10/12, IBM WebSphere 6/7, Tomcat 6/7/8 and JBOSS Applications servers.
* Developed Web Services with JAX-WS (SOAP) and JAX-RS (Restful).
* Extensive experience in IDE tools like Eclipse, Net Beans, RAD, WID (Web Sphere Integration Designer).
* Independently integrate multiple APIs and new features using **React + GraphQL** stack.
* Experienced in AWS Cloud
* platform and its features which includes EC2, S3, AMI, AWS VPC.
* Worked on data logging framework such as: Log4j, to detect logging data and to analyze data traffic.
* Experience in version control tools like Jira, GIT, SVN, CVS and Microsoft visual SourceSafe.
* Complete knowledge on Agile and SCRUM structure of software development by conducting meetings and co-ordinating with the team members to meet the deliverables.
* Expertise in Unit Testing, Integration Testing, System Testing and experience in preparing the Test Cases, Test Scenarios and Test Modules and Test plans.
* Extensive hands-on experience in PCF and AWS.
* Ability to learn and adapt quickly to new environments and emerging new technologies.
* Excellent analytical, communication, organizational and interpersonal skills.

**Technical Skills:**

**Languages**: Java, J2EE, C, C++, SQL, PL/SQL.

**Enterprise Java**: Java, J2EE, JDBC, Servlets, JSP, JMS, Java Beans, JSTL, JSF, Struts, EJB, spring, JTA and JPA.

**Web Technologies**: HTML, CSS, JavaScript, jQuery, Ajax, Bootstrap, AngularJS, ReactJS, BackboneJS, XML, XSD, XSL/XSLT, SAX/DOM, JSON, DOJO, Node JS.

**Tools & Framework**: Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Boot, JUnit, ANT, Maven, Apache ActiveMQ, SOAP UI, Apache Camel.

**Web services**: SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS JAX-WS, JAX-B, Apache Axis2, Apache CFX, JMS, MQ, AWS (Amazon Web Services).

**Web/App Servers**: Web Sphere, Apache Tomcat, JBoss, Web Logic.

**Database:** Oracle, SQL-Server, MySQL server, MS SQL, IBM DB2, MongoDB and NoSQL

**Development Tools**: Eclipse, IntelliJ, Spring Tool Suite (STS), RAD.

O-R mapping: Hibernate, JPA, JTA

**Modeling/CASE Tools**: Rational Rose, MS Visio Professional, Star UML

**Testing Tools/ Others**: JUnit, SoapUI, Putty, Rational Clear Quest, RTC, LoadUI, JIRA

**Cloud** **technologies**: AWS EC2, S3, SQS, Kubernetes, Docker, RDS, Elastic Beanstalk.

**Version Controls**: GIT, CVS, SVN, Rational clear case, Star Team

**Reporting Tools**: iReports, JReports, SSRS, SSIS, Jenkins, Hudson, TeamCity, Power BI

**Education:**

* **Masters from Wilmington University, Delaware**
* **Bachelor’s in** **Electronics & Communication, India**

**Professional Experience**:

**Client: Kentucky Insurance - Ashland, KY** **Jan 2020 – Till Date**

**Sr. Java Full Stack Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modeling, analysis, design, development and testing.
* Developed and designed new cross-browser accessible interfaces using jQuery and JavaScript.
* Designed, configured and deployed containers and Micro Services using EC2 Container in Amazon Web Services (AWS) for a multitude of applications utilizing the Amazon cloud formation.
* Designed dynamic client-side codes to build web forms and simulate process for a web application, page navigation using Angular 4/6.
* Designed and developed the application useful for data management and reporting systems using Java, HTML5, CSS3.
* Redesigned and re-implemented services using NGINX, Node JS, Express JS, Mongo DB, and MySQL.
* Implemented Model View Controller (MVC) architecture through spring at the Web tier level to isolate each layer of the application to avoid the complexity of integration and ease of maintenance.
* Implemented Angular.js component router for navigation and the services to connect the web application to back-end APIs.
* Learned to implement Java 11 with hibernate in Intellij platform
* Used NextJs for server-side rendering for better performance and for SEO.
* Developed Automation Framework for Acceptance Testing using Cucumber BDD and Junit.
* Installed and configured of Apache, WebLogic for Java 9, 10, Environment.
* Developed Apache Camel endpoints and used producer template to route messages to JMS queues.
* Implemented an express-graphq**l** library to mount a GraphQL API server on the user-configured HTTP endpoint.
* Added dynamic functionality to the application by implementing jQuery, Node JS.
* Developed adapters to retrieve data from cloud application using Web Services, SOAP & Rest and security protocols WS Security, OAuth 2.0
* Extensive use of Spring components like, Spring Core, Spring MVC, Spring Boot Micro Services.
* Implemented IBM MQ API to put get the messages from Message Queue.
* Extensively used Angular 4/6 forms like Template Driven forms and Reactive forms (Dynamic Forms) to perform form validations both on server and client side.
* Used Hibernate as persistence Layer - using the SQL Server Database and configuration data to provide persistence services (and persistent objects) to the application.
* Used Spring Boot to create Micro Services which provides the data flow from UI to server side.
* Supported queries and sort transactions by their own criteria using Angular JS which includes Date-binding, Data-filter and Custom Sorter Functions.
* Used build/deploy tools such as Jenkins, Docker for Continuous Integration & Deployment for Microservices.
* Created an End-to-End Framework for Acceptance Testing using Cucumber, JDBC, Maven, WebDriver, Java and TestNG.
* Used Spring Framework for Authentication and Authorization and ORM components to support the Hibernate tool.
* Worked on Couchbase application which works in both offline and online modes. Data will be stored in Couchbase lite database which is specific to each machine when user is offline.
* Developed an internal application using ReactJS, Nextjs, Express and NodeJS for Relationship Mangers.
* Developed real time tracking of class schedules using Node JS (socket.io based on socket technology, Express JS framework).
* Develop complex functionalities using Java 11, HTML, and CSS
* Developed single page applications using **Angular 4/6, Typescript, HTML5, CSS3, and Bootstrap4**
* Developed user interface using Angular JS services method is used to pull JSON data which is exposed through REST services.
* Used object storage container to store the secured files and retrieved from API by using Amazon web services (AWS).
* Developed HTML5 Mobile application with HTML5, Java Script, Java 9, 10, XML, JMock, UDB, XSLT, HTML, TDD, Hadoop, MQ, JSR-168, JSR-268, RAD, jQuery, JSON and RESTful web service.
* Developed web services components using Apache Camel, SOAP, WSDL, JAXB, and JAX- WS with java.
* Worked on NoSQL database like MongoDB as data storage and utilized aspects like replica sets, sharing and clever document design to make service extensible scale and feature wise.
* Worked with NoSQL database MongoDB and created pipeline from MongoDB Cluster.
* Used Angular JS 4/6 Reactive forms to implement complex forms and performed the validations using Form Builder.
* Developed web application using MongoDB, Express, React / Redux, Node JS and GraphQL.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Developed user interfaces for policy owner module using JSPs, Struts Tag Library, and Tiles.
* Extensive use of Angular JS for developing the SPAs (Single Page Applications) for internal application/tool.
* Experience with container-based deployments using Docker, working with images, Hub and registries and Kubernetes.
* Used Maven for dependency and configuration management to add dependent external jars and bundles, run and deploy the application.

**Environment:** Agile methodology, Java 11, Java 1.8, J2EE, Hibernate, Spring, XML, JSP, JAX-RS, Spring AOP, Spring security, Oracle, MongoDB, JSP, HTML5, AJAX, Kafka, JavaScript, jQuery, Docker, AngularJS, JSF, Microservices, Java 8**,** Kubernetes, React JS, Angular2, GIT, JIRA, PL/SQL, STS, JUnit, Log4J, NPM, Maven, Jenkins, WebSphere Application Server.

**Client: Ceva Logistics - Houston TX Nov 2018 – Dec 2019**

**Sr. Full Stack Java Developer**

**Responsibilities:**

* Involved in requirements gathering, analysis, design, development and testing and production support of application.
* Actively participated in the daily SCRUM meetings and paired programming to produce quality deliverables within time.
* Used java 1.8 features like stream, lambda expressions, Local Date objects etc.
* Developed all the UI pages using HTML5, DHTML, XSL/XSLT, XHTML, DOM, CSS3, JSON, JavaScript, jQuery and Ajax.
* Designed and implemented a Cassandra NoSQL based database and associated RESTful SOA that persists high-volume user profile data for vertical teams.
* Created Stored procedures using PL/SQL for data modification (Using DML insert, update, delete) in Oracle.
* Performed Front end validations for the screen using JavaScript, Angular2 directives and core java.
* Created GraphQL schema and queries to interact with Mongo DB database.
* Developed web page using React JS, Redux and Node Js.
* Performed integration testing and wrote test cases using Junit.
* Develop scripts on Cucumber eCuke JVM method using Java.
* Used the React JS and Angular JS, MVC Frameworks in the development of the web applications.
* Used Firebug and IE Developer Toolbar for debugging and browser compatibility.
* Fetching user contacts from third party accounts using OAuth Authentication.
* Deployed the Services onto the OpenShift to run docker containers, via Kubernetes on cloud infrastructure.
* Configuring the Jenkins for publishing the Node JS component on internal repository (NPM/NEXUS).
* Worked on Rest Web services for backend services, used CouchbaseDB (NoSQL)for database services
* Implemented the order grouping module using heavy multi-threading concepts & latest java 1.8 concurrency features to make the code thread safe.
* Used object storage container to store the secured files and retrieved from API by using Amazon web services (AWS).
* Using Hibernate as ORM tool to store the persistence data into the Oracle 10g database.
* Used ReactJS to create a single page web application with efficient data flow between the client and server.
* Developed UI using React JS and Redux and NextJS.
* Experience in managing Cassandra clusters on Amazon Web Services (AWS).
* Extensively used factory object in React JS to use the common functions in different views to reduce redundancy and improve maintenance of the code.
* Used Micro Services architecture, with Spring Boot-based services interacting through a combination of REST and Spring Boot.
* Extensively used AWS to integration with Enterprise and web applications. Persistence layer implemented using Hibernate framework.
* Involved in design and development of **GraphQL** and services to interact with data storage layer
* Prepared Unit test cases as well performed Unit testing and Integration testing.
* Implemented modules into Node JS to integrate with designs and requirements. Stream-lined front-end aesthetics using node, grunt, and browser-sync.
* Automated Angular JS application module using protractor and Jasmine and created specs for various functional scenarios.
* Designed and developed a generic aggregation client SDK library, which interacts with Redis cache and provides the short-term aggregates for incoming scoring requests.
* Speeding up Existing Applications with a Cache services using **Redis Cache, Gem fire.**
* Performed client side and Server-side validations using Struts validations. Created Action Form beans and performed validation by configuring the Struts Validator.
* Used new Java 11 features such as Lambdas, Streams, Observables and Completable Futures etc.
* Used microservices with Spring Boot-based services interacting through a combination of REST and Rabbit MQ or Apache Kafka message brokers.
* Used jQuery plugins for Drag-and-Drop, Widgets, Menus, User Interface and Forms.
* Implemented routing logic and navigation from screen to screen and implemented functionality on the client side in Angular JS.
* Developed BDD tests using Cucumber by writing behaviours and step definitions.
* Used Java 1.8 features such as Lambda Expressions to make the code concise and Stream API to increase the performance and manage some of the AWS Services.
* Involved in working on Cassandra database to analyze how the data get stored.
* Deployed application updates to AWS EC2 and monitored the load balancing of different instances and used AWS IAM for access management.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by Angular 2.
* Worked with web services component RESTful to interact with external systems.
* Used SOAP(WSDL) web services and deployed application on Apache Tomcat server.
* Used Struts Tiles for designing the layout of the application. Extensively used core java such as exceptions and abstraction.
* Configured Jenkins in microservice apps for deploying and implemented Jenkins for the central build.

**Environment:** Java 11, Java 8, J2EE, HTML, JavaScript, AJAX, Microservices, JSF, AngularJS, React JS, Node JS, JSP, Servlets, Hibernate, Spring MVC, Spring IOC, Spring Data, Spring Security, Docker, Spring Boot, JIRA and Spring cloud, JUnit, Maven, Log4J, Oracle, WebSphere, Micro services, MongoDB, Git, Bootstrap, Jenkins, Apache AXIS, SOA, RESTful, Python, AWS EC2, S3, Elastic Bean stack.

**Client: CVE Technologies - Allen, TX Sept 2017 – Oct 2018**

**Role: Sr. Java/J2EE Developer**

**Responsibilities:**

* Participated in JAD sessions gathering along with the Business Analysts and have expertise in implementing the Agile methodology.
* Developed the UI screens using HTML5, CSS3, React JS & jQuery.
* Using React JS as the development framework to build a single-page application.
* Extensively worked on both consumption & producing of RESTful based webservices using JAX-RS & jersey parsers.
* Applied various j2ee design patterns such as Front Controller, Factory, Singleton, Business Delegate, Struts, Service Locator, DAO etc. throughout the application for a clear and manageable distribution of roles.
* Used ReactJS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Implemented the project as a multi-tier application using Spring MVC & used core Spring concepts like AOP, IOC.
* Used deploying applications on Apache Tomcat, Node JS.
* Worked on Cassandra Data modelling and Cassandra Database administration
* Designed micro services to fetch from legacy and upload in couch base from/to multiple buckets using Couch base SDK Java client.
* Used Hibernate to improve the application throughput and created the mappings to fit the existing table structure.
* Worked on developing Restful endpoints to Cache application specific data in in-memory data clusters like Redis and exposed them with Restful endpoints by using Redis Cache.
* Spring Framework experience includes using IoC/Dependency Injection and different Spring modules like Core Container, Data Access/Integration
* Deployed Spring boot based Micro Services, Docker container using Amazon EC2 container services and using AWS admin console.
* Worked on extracting event data from front end using Kafka REST proxy. Used Kafka frameworks for messaging and queuing.
* Implemented various routing mechanisms in the webpage using React JS. With the concept of React JS Worked on usage metrics and also end to end events tracing for analysis purpose.
* Involved in performance tuning of application, monitoring the end of day load and application behavior using JProfiler.
* Implemented load-balancing with NGINX to allow dozens of Node JS instances to handle thousands of concurrent users.
* Configured Kafka to read and write messages from external programs.
* Deployed PCF on AWS EC2 to manage the containers created by PCF.
* Implemented agent Module to parse the Excel files using POI framework and process the data as per the business tier logic.
* Design and developed Maven scripts to build and deploy the application in JBoss
* Used Micro Services architecture, with Spring Boot-predicated services interacting through an amalgamation of REST, Swagger, Cassandra and MQ message brokers and leveraging
* Wrote Stored Procedures and complex queries in Oracle 10g database.
* Designed and developed JUnit test cases during the development phase.
* Designed multiple Active MQ queues in different environments (DEV/TEST/UAT) setup and testing.
* Used Jenkins for continuous integration and Maven for building the EAR file.
* Involved in building and maintaining cloud-based infrastructure on AWS.
* Used CVS for efficiently managing the source code versions with the development team.

**Environment**: Java 1.7, Core Java, Oracle 11g, HTML, Jest, Enzyme, JavaScript, Angular 4/6/7, React-JS 0.13, Node-JS, Bootstrap, CSS, jQuery, AJAX, JSX, Flux, Java 8**,** MongoDB, Jenkins, Docker, Microservices, Spring, Hibernate, Eclipse, Atom, Gulp, Restful Web services, Kafka, Gradle, Junit, DbUnit, ANT, Jira, log4j, Bamboo, AWS, Linux.

**Client: CommerceHub - Albany, NY Aug 2016 – Aug 2017**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Architecture / Design / Development / Implementation and Detailing of Processes - Collect and Review requirements and solution alternatives, to-be process maps and other solution design deliverables; do different types of modelling.
* For large complex use cases create detailed design along with another team members. Writing JAVA based codes for Third Party programs. Build processes for Real Time Integration SOAP (RTI) with web services. Skill-full in coding Reusable libraries and Concurrency Patterns.
* Migrating GUI based/Web API s applications across higher JDK versions. Working with concepts of MVC, JDBC, RESTful and web application frameworks.
* Work with the Project Manager to plan, coordinate, and manage the Project in three key areas: Managed Services, Technical delivery of Projects & System/Applications Automation - Understanding business requirements and then independently develop Technical Solutions and Java Application Program Frameworks including the explanatory Technical Design Arti-facts like High Level Designs, Low Level Designs, Architecture Detailed diagrams.
* Data Modelling, OLAP analysis, Business Intelligence and associated Reports Services Designing. Perform POC’s (Proof of Concept) on the new methodologies and solutions to be implemented and share the knowledge base with the teams. Create guidelines, coding standards, best practice and testing framework. Ensure that all the code follows the standard framework. Implementing automated testing platforms and unit tests.
* Parsed those XML messages using JAXB and then store the data into Oracle Database using Spring JDBC.
* Requirements gathering from Business Analysts and Business Users and Collaborate with Data Acquisition and Reporting teams - Gather requirements from Business and understand the existing BCBSA Business flows, Use Cases, Rules, Applications, Project-Architectures, Data Models, Databases which contain Insurance Members’ sensitive Information.
* Deployed the Services onto the OpenShift to run Docker containers, via Kubernetes on cloud infrastructure
* Designed and developed the End Points (Controllers), Business Layer, DAO Layer using Hibernate.
* Actively used the defect tracking tool JIRA to create and track the defects during QA phase of the project.
* Worked with WebSphere application server that handles various requests from Client.
* Developed test cases using Junit and the build scripts using Maven.
* Used Git to maintain the version of the files and took the responsibility to do the code merges and creating new branch when new feature implementation starts.
* Worked on developing Restful endpoints to cache application specific data in in-memory data clusters like REDIS and exposed them with Restful endpoints.
* Created AWS EC2 instances and installed required configurations and applications on it and created AWS S3 buckets for storing object level data into it.
* Developed REST API's using Spring MVC and Spring boot, hosted all Micro services on AWS and used Elastic Beanstalk to setup application and configured environments
* Created data-models for customer data using the Cassandra Query Language.
* Implemented Micro Services based Cloud on AWS Platform and Spring Cloud Foundry.
* Worked with Unix commands to check and match the output manually.
* Using Spring Boot and 12 factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Contributed in developing a Solace utility to produce and consume messages to Solace topics/queues.
* Writing Shell Scripts to run batch jobs, automated processes, and to automate routine systems administration tasks.
* Developed the view-controller components using JSPs, HTML5, CSS3, AJAX, JavaScript (jQuery).
* Front end validations are written using JavaScript.
* Developed various Angular 4 directives to help build the functionality and UI behavior using JavaScript, also developed filters and angular services and responsive UI with Angular, Bootstrap and SASS.
* Implemented Struts MVC design pattern and front controller pattern to this project.
* Developed user interface by creating at least one webpage for each component using Struts web MVC and Action Servlet as front controller for this application.
* Project teams Co-ordination and Planning - Review work of team members, provide suggestions on problem statement articulation, discuss with stakeholders, define and document the problem and develop the high-level solution for large/ complex prospects.
* Deployed PCF on AWS EC2 to manage the containers created by PCF.
* Work in Agile/Sprint based deliverables. Review documentation and update documents. Engage in the capacity of an expert to resolve bottlenecks and provide best practices, review output and provide guidance to the managed services team.

**Environment:** Java, Core Java, java Applets, Spring 4.x, Docker, Spring MVC, PCF, Hibernate3.0, CSS3, Bootstrap4, HTML5, Restful Web services, GWT, Angular 4, Linux, JIRA, JSON, jQuery, AJAX, JSON, GIT, XML Formatted Output, JUnit.

**Client: ICICI Bank - India Sept 2013 – Jul 2015**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Work with the Project Manager to plan, coordinate, and manage the Project in three key areas: Managed Services, Technical delivery of Projects & System/Applications Automation - Understanding business requirements and then independently develop Technical Solutions and Java Application Program Frameworks including the explanatory Technical Design Arti-facts like High Level Designs, Low Level Designs, Architecture Detailed diagrams.
* Performed unit testing using JUnit framework and monitored the error logs using **Log4J** and fixed the problems.
* Extensive experience in developing user interface using HTML, XML, jQuery, JavaScript, NodeJS, JSON and AJAX.
* Experience in handling dynamic applications using AngularJS.
* Requirements gathering from Business Analysts and Business Users and Collaborate with Data Acquisition and Reporting teams - Gather requirements from Business and understand the existing BCBSA Business flows, Use Cases, Rules, Applications, Project-Architectures, Data Models, Databases which contain Insurance Members’ sensitive Information.
* Used Struts tags for front end application development.
* Working with business clients, supporting the Application and implementing the process as per specifications provided. Performing requirements elicitation and analysis to understand the business problem and propose possible solutions for consideration. Performing requirement analysis, code design strategies, risk analysis, preparing job schedules, estimating the time required for development completion, Arti-facts review.
* Project teams Co-ordination and Planning - Review work of team members, provide suggestions on problem statement articulation, discuss with stakeholders, define and document the problem and develop the high-level solution for large/ complex prospects.
* Developed REST API's using Spring MVC and Spring boot, hosted all microservices on PCF.
* Used spring framework and J2EE components to develop Action classes, backend processes, complex reports and database interaction, Configured and worked with Apache Tomcat Server.
* Used Hibernate extensively to interact with Oracle 11g Database.
* Worked with JMS Connection Pool and the implementation of messaging using Spring JMS and Message Queues.
* Developed JUnit test cases to unit test the business logic. Added constraints, indexes to the database design. Developed business objects and other based on the database tables.
* Wrote PL/SQL Stored Procedures, Views and Queries using SQL Developer for archiving data on a daily basis for daily and monthly report and scheduled the job using Spring Scheduler.
* Made use of jQuery, JSPs, HTML, JavaScript and CSS to develop the frontend UI.
* Apache Maven is used as Build tool to automate the build process for the entire application and Hudson for continuous integration.
* Coding the designed modules C, C++, multi-threading, data structure and algorithms.
* Work in Agile/Sprint based deliverables. Review documentation and update documents. Engage in the capacity of an expert to resolve bottlenecks and provide best practices, review output and provide guidance to the managed services team.

**Environment:** HTML5, CSS3, Java, J2EE, HTML, JSP,PCF, JavaScript, EJB, Servlet, NodeJS, JSON, AJAX, JNDI, JMS, XML Web Services, SOAP, Junit, ANT, Eclipse, Apache Tomcat, Web Logic.

**Client: COLRUYT IT CONSULTANCY PVT LTD – India Jun 2012 – Aug 2013**

**Role: Software Engineer**

**Responsibilities:**

* Involved in creating Use cases, Class diagrams and Interaction Diagrams and Involved in various phases of Software Development Life Cycle (SDLC).
* Developed user Interfaces using JSP's to provide unique personalized look-and-feel for administrators and other users of the system.
* Used Rational Rose to generated Use case diagrams, Class diagrams and Sequence diagrams that modeled the design details of the application.
* Developed UI screens using JSP, Struts tags and HTML.
* Used Jakarta Struts Framework, based on the Model View Controller2 architecture, for rapid application development and ease of maintenance.
* Used config-server options of PCF for maintaining application properties pertaining to each environment and enable communication via cloud
* Used Validation framework for client-side validation and Internationalization to support multiple languages.
* Implemented several design patterns such as Business Delegate, MVC, Singleton and Factory to resolve the most common design issues.
* Encryption and Decryption using symmetric keys.
* Password encryption and Decryption and making it more secure.
* Implemented SQL queries and Stored procedures for Oracle9i database.
* Used XML parser APIs like DOM for marshaling and un marshalling of data
* Used My Eclipse for writing JSPs, Struts, EJBs, and other java code snippets
* Used spring framework for dependency injection, transaction management in different layers.
* Developed the Action classes, Action forms and Action Servlets for Web tier.
* Providing server side and client-side validation using JavaScript and Struts Validator framework.
* Used Struts Internationalization for providing the labels on the User Interface.
* Configured Spring cache and Hibernate cache to avoid unnecessary database access.
* Build and maintain SQL scripts, indexes, and complex queries for data analysis and extraction.
* Develop a business continuity plan for the SQL Server Databases.
* Designed and developed MDB that consumed the messages from the Java message queue.
* Experience in installing, configuring, and deploying the application on Web Logic Server.
* Developed DAO pattern to retrieve the data from the database.
* Developed web services for sending and getting data from different applications.
* Used JDBC to access Oracle database for accessing customer information.
* Used ANT build tool for compiling and generating a war file.

**Environment**: Core Java, J2EE, JSP, HTML, PCF, MVC, Struct, Spring Security, Hibernate, Spring, Servlets, JMS, EJB3.1, JUnit, PL/SQL, DAO, Web Services, SOAP, WSDL, Oracle, Windows.