**Arun Raj Nallagiri****rarun2046@gmail.com  
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**Professional Summary:**

* Around 8 years of Analysis, Design, Development, Deployment Experience in **Object oriented**, **SOA**, **Event Driven Architecture based** distributed object applications and **web based multi-tier enterprise appl**ications. Client/Server Applications using **Java/J2EE** technologies and worked on the complete **Software Development Life Cycle (SDLC).**
* Designed and developed **Java/J2EE** applications on **SDLC**, **Agile**, **TDD** models.
* Significant expertise in all phases of complex Web UI using **HTML/HTML5**, **JavaScript**, **CSS/CSS3**, **XML**, **jQuery,** **Angular JS**, **React JS**, **Microservices**.
* Having knowledge on **Java 8** features like **Lambda expressions and functional interfaces, and Parallel Streams.**
* Good knowledge of Configuration Management tools like **SVN**, **CVS** and **GIT** for version control.
* Proven software development experience using different methodologies - **Agile**, **Waterfall** and **TDD**.
* Working knowledge with databases **Oracle**, **MySQL**, **DB2**, **MS-SQL** **Server** and **Postgres databases**.
* Written **JDBC**, **SQL** and **HQL** statements for interacting with persistence layer to perform **CRUD** operations.
* Areas of expertise include analysis, design and development of applications using JEE/J2EE technologies including **JAVA**, **Servlets**, **JSP**, **EJB**, **JDBC**, **Web Services**, **SOAP**, **JAXB**, **JAX-RPC**, **JAX-WS**, **XML and XSD**.
* Experience using **Spring MVC, Spring Boot, Spring Cloud, Spring DAO, Spring Data, Spring IOC, Spring Annotations, Spring AOP, Spring Transactions and Spring Security.**
* Good Knowledge on Object Oriented Programming (**OOP**), Analysis and Design (**OOAD**) Concepts and designing experience using **UML**, **Rational rose** to develop **UML** or design artifacts like Class diagrams, Sequence diagrams and Use case realization.
* Experienced in **AWS** Cloud platform and its features which includes **EC2, S3, AMI, AWS Cloudwatch, AWS Fargate**. Also, worked on End-to-end deployment ownership for projects on Amazon AWS.
* Worked in web application development using **HTML**, **DHTML**, **CSS**, **UML** and **JavaScript**.
* Solid programming skills and experience in development and implementation of Client/Server 3-tier architecture-based applications using **JAVA**, **JDBC**, **JSP**, **Servlets** and **JavaBeans**.
* Good Knowledge and sound experience working with **MVC** framework like **ORM** frameworks like **Hibernate**, **JPA** and **IOC** frameworks like **Spring**.
* Expertise in designing and developing **JEE/J2EE** compliant systems using IDE tools like **Eclipse**, and deploying these applications in **UNIX/Windows** based local/Development/Integration Domain configurations.
* Experience in working with application server technologies like **Apache Tomcat, Glassfish**.
* Highly proficient in using frameworks like **Hibernate**, **Spring** and **Design Patterns** such as, **Front Controller**, **Data Access Object** (**DAO**), **Singleton** for executing multi-tier, highly scalable, component based, services driven, test driven enterprise applications.
* Experience in developing **XML** documents with **XSD** validationsand **DOM** parsers to parse the data.
* Experience in developing and supporting with **API** Management tool - **APIGEE**
* Possess strong working knowledge of Database programming using **SQL**, **PL/SQL**, **Triggers** and **Stored Procedures**.
* Proficient in developing **Unit testing**, and components with good knowledge on testing **frame works** and testing methodologies.

**Education:**

* Bachelors in Mechanical Engineering | JNTU | Hyderabad, India.
* Masters in Computer Science| Cumberland University | Williamsburg, Kentucky

**Technical Skills:**

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| --- | --- |
| **Languages** | Java SE 8, Java SE 9, SQL, PL/SQL, PostgreSQL, Python, Elastic Search, ASP.NET, Test Driven Development (TDD) |
| **J2EE Technologies** | Servlets, Spring 3.x/4.x/5.x, Spring Boot 1.2.3, JSP, JDBC, JSTL, JNDI. |
| **Web Technologies** | HTML, CSS, XSLT, XML, jQuery, JavaScript, Angular4 JS, Node JS, Radiant, Logic Virtual Directory, jQuery, AJAX, JSON. |
| **LAN Technologies** | Faster Ethernet, Ethernet Gigabit Ethernet, DNS |
| **App/Web Servers** | IBM WebSphere Application Server 6.1/7.x/8.x, IBM Business process, Management v8.x, JBoss Application server, WebSphere, Tomcat, BEA Web Logic |
| **Frameworks** | Struts, Spring, Spring MVC, Micro Services – MVC |
| **SOA** | Web Services (Restful, SOAP, WSDL). |
| **Tools** | Load Runner, Log4J, Ant, BIRT, Jenkins, Kafka, TOAD, PL/SQL Developer |
| **Databases** | Oracle 10g, 9i, 8i SQL Server, Couch base 2.5.1,3.03, Mango DB. |
| **Version Control** | SVN, Clear Case |

**Work Experience:**

**Client: CSL Plasma, Boca Raton, FL May 2019 – Till Date**

**Sr. Full Stack Java Developer**

**Description:** CSL Plasma is one of the world’s largest collectors of human plasma. The CSL Group has a combined heritage of outstanding contribution to medicine and human health. The project involved development Financial Module for Medicare with three sub applications, Customer Data, Deposit log, and Pre-authorized checking, facilitating entire premium payment process.

**Responsibilities:**

* Involved in various phases of SDLC including creating design documentation, development (with browser compatibility), unit testing (in multiple browsers) of application and deployment on Web Logic server (Java Portal Environment) and developing the business logic, database structure of the project and database schemas.
* Created data and security architecture patterns for MicroServices in a co-existence scenario.
* Created new RESTful Webservices using JSON data format to communicate with all external system using Spring MVC framework.
* Spring framework is used to implement Inversion of Control (IOC) and Model View Controller (MVC).
* Designed and developed the application using agile methodology and followed Test Driven Development (TDD), Scrum.
* Migrate Oracle 11g database to PostGreSQL database using ESF Database migration toolkit.
* Prepared, arranged and tested Splunk search strings and operational strings.
* Sending and receiving event between nodes through RabbitMQ and processed via Akka Streams, which manage the state with Cassandra and communicate between other MicroServices with Kafka
* Developed Apache Camel endpoints and used producer template to route messages to JMS queues.
* Responsible for developing the application using Angular 6/7, Node JS, Typescript, JSP, CSS3, HTML 5, jQuery, Bootstrap, Struts and Javascript.
* Using Hibernate as ORM tool to store the persistence data into the Oracle 11g database.
* Used Hibernate as persistence Layer - using the SQL Server Database and configuration data to provide persistence services (and persistent objects) to the application.
* Created the Application using Angular JS and Node JS libraries NPM, gulp directories to generate desired view and flux to root the URLs properly.
* Enhanced application performance by Angular 7 Component based development in view of future Angular framework.
* Performed System Testing during Hardening Phase of the System and reported the defects using Rally.
* Used JavaScript and CSS to have better Control on the Browser.
* Experience writing apps from scratch in Kotlin with Android studio.
* The mobile application was developed with JAVA mixed with Kotlin using Android Studio and Web API with .NET Core 2 using Visual Studio.
* Implemented the security on microservices using Spring Boot Auth server which generated JWT tokens as Oauth2 mechanism.
* Build REST web service by building Node JS Server in the back-end to handle requests sent from the front-end jQuery Ajax calls.
* I have done testing of the product, creating any defect and tracked any issues using Rally.
* The views are programmed using JSP pages with the struts tag library, Model is the combination of EJB’s and Java classes and web implementation controllers and Servlets.
* Optimized Microservices using NodeJS as interfaces to NoSQL database.
* Created Amazon S3 buckets to keep the web app files and the CloudFormation templates.
* Used microservices architecture, with Spring Boot based services interacting through a combination of REST.
* Used databases like Oracle 11g, SQL Server, Couchbase, and NoSQL database like Mongo DB, PostgreSQL DB as distributed database.
* Create Spring Boot based MicroServices apps for various stages (Integrate, validate, rate, pay, decision, aggregate, audit and exception)
* Project Setup using my eclipse, IntelliJ and servers like tomcat, JBoss.
* Experience in creating Task definitions, which specifies the tasks, Resource allocation (Fargate), services and docker image on which application is built.
* Extensively used Java 8 features such as lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms.
* Used Streams and Lambda expressions available as part of Java 8 to store and process the data.
* Designed and developed of web-based application using Java 8, Spring, SQL.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application.
* Developed and debugged Java server-side code using Eclipse IDE/IntelliJ Idea and Tomcat.
* Patch, Upgrade and keep the PostgreSQL DBs current. Review all PostgreSQL logs for problems.
* Managed Kubernetes charts. Created reproducible builds of the Kubernetes applications, managed manifest file.
* Developed the application using Java 8 and implemented its features like Lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, for each.
* Used MicroServices architecture, with Spring Boot-predicated services interacting through an amalgamation of REST, Swagger, Cassandra and MQ message brokers and leveraging
* Troubleshoot production problem by analyzing Splunk logs and Dynatrace
* Created custom, self-contained, reusable and testable Angular 6/7 modules, controllers, directives and services to implement key functionalities for customer account summary.
* Extensively worked in Test Driven Development (TDD) framework using Junit5.
* Installation, administration and maintenance of CI/CD applications: Jenkins, Artifactory, SonarQube, Stash and Docker.
* Worked on Maven Scripts to deploy application code into Tomcat servers.
* Developed test cases and performed unit test using Junit5 Framework.
* Experience in continuous integration using Jenkins for timely builds, code coverage, running test

**Environment:** Java8, J2EE, Angular 5/6/7, Servlets, JMeter, EJB, Struts, JSP, JDBC, JNDI, XML, HTML/DHTML, CSS, Webservices, AWS Lambda, Kafka, JMS, AJAX, SOA, Couchbase, IBM MQ, WebSphere, JUnit, Windows, UNIX, SQL and Oracle 10g, 11g, Spring, Hibernate Frameworks.

**HPE, Fort Collins, CO March 2018 – April 2019  
FullStack Java Developer**

**Description:** HPE is a business-focused organization Group, which works in servers, storage, networking, consulting and support; Services; Software; and Financial Services. HPE OneView delivers a new level of storage automation that makes businesses more responsive and efficient.

**Responsibilities:**

* Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle (SDLC) and used agile methodology (SCRUM) for developing application.
* Implemented asynchronous messaging service using Kafka in MicroServices-based application
* Successfully Generated consumer group lags from kafka using their API Kafka- Used for building real-time data pipelines between clusters.
* Developed Servlets and JSPs based on MVC pattern using Struts 2 framework and Spring Framework.
* Worked with VUE JS Forms, Validations, Modules, Components, directives, controllers and HTTP Request.
* Core Java development and Support of Java/J2EE applications with emphasis on OOP-based web forms, business logic, database access components.
* Developed and implemented spring, JSF and J2EE based MVC framework for the application.
* Involved in using Spring Security for Mobile clients and Web Applications for Microservice Authentication.
* Used Java 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 hands on programming on the core application development using Multi-threading that combines Hibernate and Spring.
* Data was bound to the components with MVVM and was retrieved, created, updated, & deleted using REST.
* Integrated services like **GitHub,** AWS Code **Pipeline,** Jenkins and AWS Elastic Beanstalk to create a deployment pipeline. Developed the Services using AWS Elastic Search, Restful Services using JAX-RS and Java
* Fetching the records for SOAP and Restful requests from Oracle 11g DB using SOLR search.
* Used java 8 features like stream, lambda expressions, Local Date objects etc.
* Involved in multi-tier Java and J2EE based applications support, responsible for writing business logic using core Java, SQL queries for the backend RDBMS.
* Used Java 8 Method References feature to point to methods by their names and used functional Interfaces.
* Secured the API's by implementing Oauth2 token-based authentication using spring security.
* Created SQL queries for diverse usage ensured integrity of data with frequent restoration and back up using PostGreSQL.
* Manipulated DOM, handled events and applied animation effects with Vue.js.
* Developing and editing user Interface Screens for presentation logic using JSF, JSP, HTML5, CSS3, Bootstrap, JavaScript, and Angular JS 5/6.
* Implemented client-side data validations using JavaScript and Server-side data validations using JSF validators.
* Identify and Develop the Rest API using Java Spring Boot framework required for completing the stories.
* Implemented REST MicroServices using Spring Boot. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
* Documenting the best practices, AS IS and target approach for CI-CD pipeline.
* Worked on Cassandra Data modelling and Cassandra Database administration
* Designed and implemented a Cassandra NoSQL based database and associated RESTful web service that persists high-volume user profile data for vertical teams.
* Extensively used Java 8 features such as lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms.
* Extensively involved in upgrading the existing system from Angular 5 to Angular 6
* Designing and implementing scalable, RESTful and MicroServices-based backend. The backend is being written in Java using Spring Boot for simplicity and scalability.
* Experience in developing middleware components for software multithreading, data structures, and design patterns.
* Used Eclipse as development tool, Weblogic as application server, and CVS was used for version controlling.
* Used Fargate service to auto scale/manage EC2 instances with AWS Oracle RDS database service
* Written different Routing (SPA), modules and reusable components using Angular 6.
* Used React JS to develop Single Page Application. Implemented the Drag and Drop functionality using React-Draggable.
* Worked on setting up Maven scripts to build, package, and deploy application code to the target Apache Tomcat Servers and worked on continuous integration servers like Jenkins.
* Experience on Single Page Application development, working with Directives, Services, Filters, Guard and Validations in the Angular 6.
* Used Eclipse IDE with Maven plugin, and JBoss tools for development
* Experience in making the devops pipelines using OpenShift and Kubernetes for the MicroServices Architecture
* Developed the code on IntelliJ IDEA and Deployed on Apache Tomcat server
* Followed TDD Test Driven Development and developed test cases by using JUnit for unit testing.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy
* Developed application based on Struts MVC Model2 Framework and uses J2ee Design Patterns like Facade, Singleton, Factory & Value etc. Patterns.
* Configured AWS Multi Factor Authentication in IAM to implement 2 step authentication of user's access using Google Authenticator and AWS Virtual MFA.
* Used React JS for templating for faster compilation and developing reusable components.
* Integrated Mongo DB and Spring communication and established data mapping.
* Responsible for writing Unit Test Cases using Junit5. Responsible for Load Testing using Apache JMeter.

**Environment:** Java8, J2EE, Angular 4/5/6, Servlets, JMeter, EJB, Struts, JSP, JDBC, JNDI, XML, HTML/DHTML, CSS, Webservices, AWS Lambda, Kafka, JMS, AJAX, SOA, PCF, Couchbase, IBM MQ, WebSphere, JUnit, Windows, UNIX, SQL and Oracle, Spring, Hibernate Frameworks.

**Client: Signet Jewelers, Ohio Akron Dec 2016 – Feb 2018**

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

**Description:** Supporting critical applications, reports, and data used by the Commercial business as well as many other groups across the corporation. support Commercial application systems used by Traders, Schedulers, Confirmation, Contracts, Pricing, Risk, Compliance, Credit, F&PA, Accounting and all levels of Management to manage the business.

**Responsibilities:**

* Developed application using Spring MVC, Hibernate and Rest web services on presentation layer, business layer is built using Spring and the persistent layer.
* Wrote Technical design document with the class, sequence, and activity diagrams in each use case.
* Cassandra Cluster planning which includes Data sizing estimation, and identify hardware requirements based on the estimated data size and transaction volume
* Developed application using Spring MVC, JSP, JSTL and AJAX on the presentation and business layer is built using Spring.
* Designed and developed using the Java collection API with Java 8 features and other java processes.
* Designing, creating, Running and monitoring spark job on Cassandra cluster for validation, loading from Oracle RDBMS
* Worked on custom libraries for business layer using Object oriented programming (OOP).
* Configuring Sharding, monitoring, and identify the proper shard key Selection, inserting large amounts of data Performing Security measures, backups and restore backups for Mongo DB
* User Management - creating users, assigning roles, managing permissions for SQL Server, Mongo DB database server.
* Developed code to call the web service/APIs to fetch the data and populate on the UI using jQuery/AJAX
* Integrated Java 8 concepts like Collections, Lambda and Exception Handling to implement different functionalities.
* Lead in Installation, integration and configuration of Jenkins CI/CD, including installation of Jenkins plugins.
* Involved in writing JSF Backing Beans for controlling the UI and writing custom components and validations.
* Created real-time dashboard for Executives, utilizing Logstash, graphite, Elastic Search, Kibana & Redis.
* Implemented agent-server messaging dialog using Camel and JMS (Active MQ implementation)
* System integration framework with Apache Camel and Enterprise integration patterns.
* Fetching user details from third party applications using Oauth Authentication.
* Identifying the problem areas by using elastic search Kibana with Logstash to import .csv files. Using Solr over Lucene index provided a full text search for analysis and quantification.
* Implemented Spring Boot MicroServices to process the messages into the Kafka cluster setup.
* Had knowledge on Kibana and Elastic search to identify the Kafka message failure scenarios.
* Writing UNIX scripts to perform certain tasks and assisting developers with problems and SQL optimization.
* Worked on designing single page application using Vue Js components such as Router and Vuex core components
* Designed and developed UNIX shell scripts as part of the ETL process, automate the process of loading, pulling the data.
* Performed DOM manipulation using JavaScript and JQuery for loading and manipulating dynamic content Webpages
* Working with Oauth to provide authentication and authorization to Rest services by exchanging Access tokens.
* Presentation tier of the application was built completely on Struts framework. Coded the Login, Policy and Claims Screens for customers using AJAX, JSP, HTML, CSS, and JavaScript.
* Core java development for different components. Developed the application using Core Java, Multi-Threading, Spring Core, Beans, JDBC, Transaction and Batch, Oracle. Maven.
* Converted existing SOAP-based services to Spring Boot Rest services. Wrote unit tests in Junit/Mockito.
* Built administrator page displaying profile information in React.js and GraphQL.
* Built Angular 4 components, UI services to consume rest services using Component based architecture.
* Used MicroServices to communicate using synchronous protocols HTTP and REST for implementing SOAP.
* Automated 100% of functional and performance MicroServices tests using Gatling/Scala framework.
* Experience and building an application using React.js and Redux with GraphQL on server side.
* Used Spring Core Annotations for Dependency Injection Spring DI and MVC for REST API and Spring Boot for MicroServices.
* Used Hibernate annotations for mapping objects to the relational database and Implemented persistence using Hibernate
* Worked on AWS, High Availability Practices and deploying backup/restore infrastructure.
* Added Excel-Builder to download the Tabular data in Excel format using React.
* Design AWS Cloud Formation templates to create custom sized VPC, subnets, NAT to ensure successful deployment of Web applications and database templates.
* Wrote data Components for Plan Setup, wrote and called Stored Procedures using Java HQL, Hibernate.
* Implemented client-side Interface using Angular 4 and structure JavaScript code in an MVC
* Maintained Interface compatibility and concurrency in the project using Java 8 new features like default, static methods and Concurrency API.
* Used Java 8 Method References feature to point to methods by their names and used functional Interfaces.
* Implemented search engines by using Angular JS filter to make the data searchable and sortable.
* Experience in using React JS components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept.
* Worked with core Java technologies like Multi-Threading and Synchronization.

**Environment:** J2EE/J2SE, Java, JSP, JSF, Apache, Spring Frame Work, Spring Batch, Couchbase, Hibernate, Elastic Search, JDBC, NoSQL, JMS, CSS3, Mongo DB, AWS, Apache CXF, LDAP, JNDI, WSDL, SOA, SOAP, XML, HTML, Log 4j, WebSphere 7

**Client: Farmers Insurance, Sacramento, CA Jan 2016 - Nov 2016**

**Role: Java/J2EE Developer**

**Description:** Multicar Insurance is a web-based project designed and developed for insurance agents. The agents will issue policy through this application for their customers. Eligibility of the customers is decided based on the past records which are automatically populated by the program.

**Responsibilities:**

* Designed and developed front end using JSP, JSTL, JQUERY and other custom tag libraries.
* Used JQUERY widgets like Date Picker, Accordion, and Tabs.
* Added Excel-Builder to download the Tabular data in Excel format using React.
* Used JQUERY framework for AJAX calls.
* Using Model View Controller (MVC) architecture of Struts developed client User Interface.
* Responsible to install, configure, monitor systems developed on Cloud IaaS environments with PCF.
* Deployed the Spring Batch application on Pivotal Cloud Foundry (PCF) instance and bind the services like Java and PostgreSQL services.
* Involved in hosting the application in Pivotal Cloud Foundry (PCF) and deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Used config-server options of PCF for maintaining application properties pertaining to each environment and User-Provided-Config-Server option for Syslog and Oracle DB connectivity.
* Deployed Spring Boot based MicroServices in Docker and Amazon EC2 container using Jenkins
* Developed MicroServices using Spring MVC, Spring Boot, and Spring Cloud
* Works in using React JS components, Forms, Events, Keys, Router, Animations, and Flux concept.
* Work son React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
* Used Spring framework in the development of a business bean and to interact with the Hibernate ORM tool.
* Redesigned and re-implemented services using NGINX, Node JS, Express JS, Mongo DB, and MySQL.
* Experience with Front-end JavaScript frameworks Node JS. And with the creation of RESTful Web service.
* Strong Core Java background with experience in Collections, Multi-Threading, Java 8, Interfaces, RMI, Serialization, Synchronization, Exception Handling, Java Swing, OOPs techniques, Logging and Performance Tuning.
* Used Bootstrap and Node.js in effective web design.
* Developed Business logic with the help of spring and Data Access was implemented by using Hibernate

**Environment:** JDK 1.5, Spring framework, React JS, Node JS, Hibernate, Web services (SOAP, WSDL), XML, XSLT, WebLogic, Rational Rose, Windows XP, Maven, JavaScript, JQUERY, HTML, JUnit, CVS, Log4J, AJAX, CSS, Eclipse IDE and Oracle 10g.

**Client: Leitner Shriram Manufacturing Ltd, India July 2013 - Nov 2014**

**Role: Java/ J2EE Developer**

**Responsibilities:**

* Extensive experience in Cross-browser HTML5/4, CSS3 & JavaScript coding to offer responsive website layouts to modern browsers and mobile devices.
* Developed Business tier and Presentation tier using Struts, JSP. Coding using JSP, HTML, and CSS JavaScript for validation, Servlets using STRUTS framework, JDBC.
* Worked on using CSS preprocessors like SASS and LESS by extending CSS with dynamic behavior such as variable, operation and functions.
* Designed and developed DAO layer with Hibernate standards, to access data from IBM DB2.
* Developed user interfaces for policy owner module using JSPs, Struts Tag Library, and Tile’s framework
* Used Decorators to optimize the code reusability and worked with services, providers in Node JS
* Experience in working with Routes in Node JS.
* Migrate data from traditional database systems to Azure databases
* Responsible for creating web and website-based applications using JavaScript, Node JS
* Developed user interface by using the React JS, Flux for SPA development.
* Used React JS for templating for faster compilation and developing reusable components.
* Used new Java 8 features, such as Lambda expressions, Streams and Functional Interfaces.
* Developed JSP pages which are represented as view in MVC model.
* Wrote SQL, PL/SQL for retrieve, insert and update data to the database

**Environment:** Java, J2EE, Servlets, EJB, Struts, JSP, JDBC, JNDI, XML, HTML/DHTML, Webservices, WebSphere, JUnit, DB2, NgRx, Redux-RxJS, PrimeNg, Node JS, Adobe Analytics.

**Client: Heritage Foods Ltd, Hyderabad, India June 2012 – June 2013  
Role: Jr. Java Developer**

**Responsibilities:**

* Involved in various Software Development Life Cycle (SDLC) phases of the project.
* Developed the application using Struts Framework x1.0, which is based on Model View Controller design pattern.
* Implement modules into Node JS to integrate with designs and requirements.
* Extensively used Hibernate in data access layer to perform database operations.
* Used Spring Framework for Dependency Injection and integrated it with the Struts Framework and Hibernate
* Implemented Node JS as a server-side proxy for an observing various response time.
* Used Node.js framework for better organization of the code.
* Developed front end using Strut’s framework.
* Designed and developed front-end using struts framework. Used JSP, JavaScript, JSTL, EL, Custom Tag libraries and Validations provided by struts framework.
* Worked on advanced Hibernate associations with multiple levels of Caching, lazy loading.
* Design and implement end-to-end data solutions (storage, integration, processing, visualization) in Azure
* Design and implement database solutions in Azure SQL Data Warehouse, Azure SQL
* Used various sources to pull data into Power BI such as SQL Server, Excel, Oracle, SQL Azure etc.
* Architect and implement ETL and data movement solutions using Azure Data Factory.
* Involved in consuming RESTful Web services to render the data to the front page.
* Performed unit testing using JUnit framework.
* Configured JDBC and LDAP Security in the application server.
* JDBC is used for data interaction with Oracle database.
* Involved in design and development of SQL, PL/SQL, Functions and Stored procedures for performing database operations

**Environment:** Java, Node JS, Rational rose, MVC, SQL, PL/SQL, Oracle9i, JDBC, JSP, Ajax, DHTML, JUnit, HTML, JavaScript, JSFs