**Lead Java Fullstack Developer**

**Sandeep**

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**Professional Summary:**

* Around 12 years of extensive experience in the Software field, Excellent hands-on experience on **Core Java, J2EE**, **Struts, JSP, Spring framework, Servlets, SQL, JavaScript, AngularJS, XML, HTML 5, CSS 3, JDBC, Oracle 11g**.
* Strong development experience in **J2EE** technologies including **Servlets, JSP, JDBC, JMS, XML**, and **Struts, XSL, XSLT, JUnit, Log4J, JavaScript, SQL, PL/SQL, HTML**.
* Expertise in Core Java concepts such as Generics, Multi-Threading, Collections, Exception Handling, Garbage Collection, and File Input/Output.
* Proficiency in developing Web applications using **Servlets, JSP, JDBC, EJB2.0/3.0, web services using JAX**-**WS2.0 and JAX-RS APIS**.
* Experience in developing and consuming Web Services using **WSDL, SOAP, HTTP, and UDDI**.
* Implemented Hibernate for the **ORM** layer in transacting with Oracle database and developed **HQL** queries for **CRUD**.
* Experience working on **SOA** (Service Oriented Architecture) involving UDDI lookups, WSDL using SOAP protocol, XML, and Java XML parsers such as JAXP, and JDOM
* Good experience in all phases of Software Development Life Cycle **(SDLC)** - Analysis, Design, Implementation, Integration, Testing and Maintenance of applications.
* Good experience in designing, developing several **multi-tier** Web based, Client-Server and Multithreaded applications.
* Good experience in using Object Oriented Analysis and Design concepts and Service Oriented Architecture **(SOA)** mostly in cross platform environments.
* Integrating HTTP Apache Http plug-in with **WebLogic** Servers
* Proficient experience of using the databases such as **MySQL, DB2, Oracle 11g PL/SQL**.
* Experience with full software development life-cycle, architecting scalable platforms, object-oriented programming, and Agile methodologies. Worked Closely with **SME’s**
* Experience in Applications using **AJAX**, Object Oriented (OO) **JavaScript, JSON, JSONP**, and **XML**.
* Excellent skills in building Single Page Application using JavaScript frameworks like **Angular JS, Node JS.**
* IT Strategy Risk Management **Cloud Computing / PaaS / SaaS /** IaaS Infrastructure Architecture Disaster Recovery
* Experience in CSS pixel-level layout, Consistency with browsers, Version and Platform Independence.
* Hands-on Experience in JSP, Frameworks like Struts on the Java platform.
* Implemented the JavaScript library, D3.js for visualizing data with HTML, SVG & CSS.
* Sound knowledge in working with browsers compatibility issues with browsers like IE, Firefox, Safari, Opera, Chrome and had experience in implementing project from scratch.
* Created responsive Webpages and designing crossing browser compatibility for mainstream browsers and portable devices (mobile, tablet, laptop) by Bootstrap.
* Experience with employment of Apache Kafka and Zookeeper apart from JMS as messaging service.
* Proficiency with the application servers like Web Sphere, Web Logic, JBOSS and Tomcat.
* Involvement in using various IDEs like Dreamweaver, Notepad++, Sublime, NetBeans, Eclipse, Adobe Photoshop.
* Participate in the **SaaS** operations based on a devops model.
* Good experience to setup, configure continuous build processes using **Jenkins, Maven**, and **ANT**.
* Ability to write clear, well-documented, well-commented and efficient code for web development.
* Extensive experience in deploying, managing, and developing MongoDB clusters.
* Extensive experience working with **RDBMS -PL/SQL** programming on **Oracle, MySQL**, and **SQL Server**, writing Stored Procedures and SQL Queries.
* Ability to identify and gather requirements to define a solution to be built and operated on AWS.
* Good working knowledge on CVS, SVN, and GIT for code management and version control.
* Experience in front end builds up and deployment tools like Grunt, Gulp, SOAP UI, and Bower.
* Strong problem-solving, organizing, communication and planning skills, with ability to work in team environment.
* Oversee and develop Notifications Service **Microservice** to use across the enterprise.
* Utilize camel to integrate Microservices with other **Microservices** and **RabbitMQ** messaging exchanges
* Proficient in developing **SOAP** and **RESTful** Web Services.
* Good written and oral communication skills and Interpersonal skills with a strong ability to excel through collaboration with team members.

**TECHNICAL SKILLS**

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| **Operating Systems** | Windows XP/7/8/10, Mac OS, Ubuntu |
| **Web Technologies** | HTML4.0/5, XHTML, DHTML, CSS2/3, Bootstrap, XML, JavaScript, jQuery, AJAX, JSON, JSP, Microservices, Struts, JQuery, Breeze, AngularJS, Angular 2.0, Angular 4.0, Bootstrap, ReactJS, Ember.JS, Backbone.js, NodeJS (npm, Grunt, Gulp &Bower), REST API. |
| **Version Controls** | GIT, SVN, CVS |
| **J2EE Technologies** | Servlets, JSP, Struts, Spring, Hibernate, Web services, EJB, JSF, JMS |
| **Scripting Languages** | HTML, CSS, JavaScript, Angular JS, jQuery, AJAX |
| **XML Schema** | DTD, XSL, XSLT |
| **Database Skills** | SQL, PL/SQL, Oracle, MySQL, JDBC |
| **Microsoft Office Suite** | Word, PowerPoint, Excel, Access, Project, Visio |
| **Languages** | C, C++, Java (Core & Advanced), PHP, SQL |
| **Databases** | SQL, MySQL, MS Access, MongoDB, Oracle 10g |
| **GUI Editors** | Notepad++, Eclipse, Brackets, Web storm, Visual Studio, Visio, Sublime, Dreamweaver, NetBeans |
| **Methodologies** | SDLC, Agile, Waterfall |

**Professional Experience:**

**Client: Verizon, Dallas, TX May 2023 – Feb 2024**

**Role: Lead Full Stack Developer**

**Responsibilities:**

* Developed detailed design documents for all the functional modules of the application to be used by the testing team to setup test cases. Developed code using Design patterns like DAO, Factory pattern, Singleton, and Value objects.
* Used Spring Boot to develop and deploy both RESTful web services and **MVC** applications.
* Involved in development of User Interface (UI) using **HTML5, CSS3, Angular 9/10, jQuery, JavaScript, Ajax, Spring MVC** and **JSTL and Agile** development methodology.
* Created Typescript reusable components and services to consume **REST** **API's** using Component-based architecture provided by Angular 9/10.
* Designed and implemented scalable and fault-tolerant cloud solutions using AWS services.
* Deployed Java applications on AWS Elastic Beanstalk for easy application management and scalability.
* Utilized AWS Lambda for serverless computing to execute Java functions in response to events.
* Managed data storage and retrieval using AWS S3, DynamoDB, and RDS for various application needs.
* Configured and monitored AWS resources using CloudFormation, CloudWatch, and AWS CLI for efficient operations.
* Implemented Spring Framework including Spring Core/IOC, **Spring AOP**, **Spring ORM** and Spring Batch and implemented the authentication, authorization, and access-control features by making use of Spring Security.
* Used reactive datatypes such as Mono and Flux to create non-blocking asynchronous web apps.
* Developed single page applications using React Redux architecture, ES6, web pack and grunt and implemented various phases of Responsive Design as per the requirement.
* Developed various screens for the front end using **ReactJS** and used various predefined components from NPM (Node Package Manager).
* Proactively monitor the operations of the production system and help in resolving any live problem detected/reported.
* Worked extensively on developing controllers, Interfaces and implementation classes using **Spring MVC** framework & used **Microservice** architecture with **Spring Boo**t based service through **REST**.
* Consumed **SOAP /RESTful** web services from **VHI** (Main frames) legacy systems with implemented synchronous communications using Queue for handling multiple requests.
* Developed Single Page application using **Angular 10** and TypeScript. Implemented reusable components using **Angular 10** content projection, which are used in multiple internal projects.
* Worked on **SQL** scripts to insert master data into tables. Worked on jetty server to deploy application locally.
* Developed the web application using Oracle SOA Suite 11.
* Developed Oracle PL/SQL store procedures and functions to process information used to generate reports.
* Automated backups through shell scripts and scheduled cron jobs for daily backups, weekly archival to S3 buckets on AWS.
* Integrated **Splunk** with **Kubernetes** to visualize the logs in the centralized Splunk server.
* Used Spring **Kafka** **API** calls to process the messages smoothly on **Kafka** Cluster setup.
* Configured **Kafka** to read and write messages from external programs.
* Expertise in managing logs through **Kafka** with **Logstash**.
* Prepared technical documentation and functional specifications documentations and diagrams and develop coding logic flowcharts.
* Used Swagger for technical documentation.
* Provided the Payloads for the **REST** endpoints for each business flow and validating the data in Backend and logged in the Database for Audit.
* Developed a rest **API’s** using spring rest controller which consumes and produce Rest Json and tested it using Postman.
* Created and consumed Restful Web services and used Postman to send and receive **XML** data and worked with JMS Queues for sending messages in point-to-point mode.
* Responsible in developing **Spring Boot** Microservices from scratch.
* Integrated **Spring DAO** for data access using **Hibernate** to fetch data from database and avoid redundant database access statements.
* Used Microservices to communicate using synchronous protocols **HTTP** and **REST** for implementing **SOAP**.
* Connected to data sources and performed operations using spring data framework features like Spring JDBC and Spring ORM.
* 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.
* Used Log4j for tracking errors and debugging the code and Resolved bugs and Change Requests to already existing code.
* Deployed Docker contained **Springboot** microservices into **AWS EC2** container service using **AWS** admin console and used lambda to run applications in **AWS** console.
* Developed unit testing framework using **JUnit** test cases for continuous integration testing and used **J-Test** tool for performance testing.
* Involved in **POC** to containerize services (Spring Boot) and deploy to Cloud (AWS).
* Developed **Hibernate** mapping files using different mapping strategies such as table per class hierarchy and used Hibernate Persistence Strategy to interact with database.
* Involved in **ORM** mappings for associations, Inheritance & fetching strategy, performing.
* **CRUD** operations and managing second level cache using **Hibernate**.
* Used Hibernate in data access layer to access and update information in the database and used.
* Hibernate Query Language (HQL) to query the database for complex data.
* Written JUnit Test cases for perform unit testing and tested web services with REST Client.
* SSO integration using SAML, and OAuth.
* Worked on container-based technologies like Kubernetes and OpenShift.
* Helped in the deployment and maintenance of Kafka on Kubernetes.

**Environment**: Java 8/11, Spring framework, Spring Boot, Hibernate, jQuery, Angular 9/10, HTML5, CSS3, React, Web Services (SOAP/REST), WebSphere Application Server, JSON, Microservices, Eclipse, Kafka, Docker, Nodejs, Splunk, Microsoft Visual source safe, Kubernetes, JSP, OAuth2, Log4J, oracle, Oracle SOA, DB2, Maven, putty, AWS, Kotlin, GitHub, Eclipse, Mockito, Ant, SOAP, SOAP UI, Clear Case, Java Security, Swagger.

**Client: Pentagon Federal Credit Union, Tysons, Virginia May 2022 – March 2023**

**Role: Sr Java Full Stack Developer**

**Responsibilities:**

* Involved in coding, testing and creation of functional specs of enhancement application.
* Performing Coding reviews with the team
* Preparing builds, deploy and Co-ordinate with the release management team to ensure that the proper process is followed during the release.
* Providing End to End support for the testing activities during **System Testing**, UAT.
* Maintain **EAR** and **WAR** in **IBM** WebSphere Apps server.
* Developing the **Web Application** using core Java Threading and Collection.
* Preparing technical documentation of the application.
* Responsible for closing the backlog of **production** related issues.
* Responsible for effective communication between the project Team and the customer. Provide day to day direction to the project team and regular project status to the customer.
* Developed Sound knowledge on **React,** Redux for front-end MySQL for backend and Express as server.
* Developed a web app for show casing how this two-way audio works using HTML, CSS **React JS**.
* Tested REST endpoints using POSTMAN.
* Executed sprint-based testing using SQL for performing data validations, searching Customers and **Insurance** order histories.
* Strong experience in designing and developing micro service and SOA based SOAP and RESTful service using Java, Spring Boot, **spring WebFlux (Reactive stack)** frameworks.
* On hand experience on **spring Boot, spring Annotation, Inversion od control, spring Batch, Hibernate**, along with spring Data as back-end for implementation of persistence layer and mapping of POJOs.
* Proficient in writing **SQL** quires, **PL/SQL** procedures, Functions and Triggers and cursors and using Hibernate framework with ORM in interaction with **RDBMS** and Non-Relational Database like Mongo DB.
* Worked on **NoSQL** database like **MongoDB** and Cassandra where data storage was scaled rapidly.
* SQL overrides were widely used and replaced at the place of several transformations
* Expertise with Relational databases such **Oracle, PostgreSQL, SQL** server and **MYSQL, PL/SQL**
* Involved in designing and creating the Database Tables using PostgreSQL Database
* Used Hibernate to store the persistence data into the **PostgreSQL** database and wrote **HQL** to access the data from the database.
* Analyzed log files using pivotal Cloud Foundry **PCF** console.
* Responsible for migration the Web services from shared java environment to **PCF**-cloud platform.
* Deployed spring boot application using pivotal cloud Foundry.
* Used Microservice architecture with spring boot-based services interacting through a combination of **REST** and Apache **Kafka** message brokers.
* Developed data transformer for converting legacy data from Source tables to Avro format and fed into **Kafka** using Camel.
* Used **React Refs**, controlled react components for different use cases.
* Implemented stable **React components** and stand-alone functions to be added to any future pages.
* Familiar with creating Custom Reusable **React Components** Library.
* Used React flux to polish the data and for single direction flow.
* Interacting with the clients for the new enhancements to be done.
* Developing the web application using **Spring**, **Hibernate**.
* Responsible for closing the backlog of **production** related issues.
* Used **Spring** Dependency Injection feature for **Bean** Wiring
* Used Spring integration with the struts and **hibernate.**
* Developed additional UI Components using JSP and implemented and asynchronous, **AJAX** and **jQuery** based rich client to improve customer service.
* Implemented trade creation using **HTML5, JavaScript** validations and used **AJAX** for asynchronous communication.
* Used CSS3 Borders and **jQuery** Menus as part of **UI navigation.**
* Created Object-Relational mapping using **Hibernate3.0**.
* Used **Hibernate Query** Language HQL to query the database for complex data.
* Implemented Spring **transaction management** for some database transactions.
* Used log4j to capture the log that includes runtime exception and debug.
* Used **Singleton pattern** in manager objects to maintain only one object of them in memory.
* Used log4J for Writing into Application and Error logs.
* Used **LDAP** for authentication.
* Involved in DAO **Data Access Objects** to retrieve data from database**.**

**Environment**: Java 8, Spring Tool Suite, Spring, Spring Boot, Hibernate, RESTful Web Service, Oracle, HTML5, CSS3, jQuery, JPA, Angular, JSP, Struts, Jenkins, Agile, JIRA tool, Maven, AWS, JBOSS, JDBC.

**Client: Verizon, Temple Terrace, FL March 2019 – Feb 2022**

**Role: Sr Full Stack Developer**

**Responsibilities:**

* Used REST Client and POSTMAN to test the rest-based services and used JUnit and Mockito to test the middleware services.
* Created Hibernate mapping files, sessions, transactions, Query and Criteria to fetch the data from SQL based schema.
* Worked with Angular2 to generate various components, routes, services, pipes and structured the application code.
* Converted a monolithic app to microservices architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Developed microservice on boarding tools and Jenkins allowing for easy creation and maintenance of build jobs and **Kubernetes** deploy and service.
* Created Docker containers to package Java applications and their dependencies for easy deployment.
* Orchestrated multi-container applications using Docker Compose for local development environments.
* Managed Docker images and containers using Docker CLI and Docker Hub for version control and distribution.
* Integrated Docker with continuous integration pipelines to automate the build and deployment process.
* Utilized Docker Swarm and Kubernetes for container orchestration and scaling in production environments.
* Involved in Loading and transforming large sets of **structured, semi structured**, and **unstructured** data.
* Designed & developed using HTML5, CSS3, EXT.js, JavaScript, XML, AngularJS, **NodeJS, JSP, JSON, Vue.js**, JSF, J2EE, and Ajax.
* Hands-on experience on developing **AWS** cloud formation templates and setting up Auto scaling for EC2 instances and involved in the automated provisioning of AWS cloud environment using Jenkins and chef.
* Developed various screens for the front end using **Angular 8** and used various predefined components from NPM (Node Package Manager). Used Node Cron package to schedule periodically executable jobs.
* Developed Oracle PL/SQL store procedures and functions to process information to generate reports.
* Exceptional knowledge in **Service Oriented Architecture** (SOA), Webservices and various Enterprise Application frameworks.
* Creating a RESTFUL web service using **elastic search** service & creating queries in elastic search
* Implement data aggregation scripts using **elastic search** or spark to evaluate backend service from functional as well as performing point of view.
* Design developed and implementation services of **SOA** BPM, WebSphere Enterprise Service Bus, Data Power, WebSphere MQ series, WBI application portfolio optimized for maximum connectivity and reuse.
* Monitoring the WebLogic Server and Deployed applications.
* Monitored error logs, fixing the problems and tuning parameters on WebLogic environment.
* Experience working with **YAML**, a swagger used to describe the API’s.
* Implemented persistence layer using Hibernate that uses the POJOs (which do not have the business processes) to represent the persistence database.
* Used various core concepts such as **Multi-Threading**, Exception Handling, Collection **APIs** to implement various features.
* Working with Jenkins, CI/CD pipeline to integrate and deploy the code into the PCF Server.
* Collaborated on responsive front-end development using React, Node.JS, JavaScript and coffee script with DevOps development principles.
* Involved in design of **JSP's** and **Servlets** for navigation among the modules.
* Used **JDBC** calls in the **JSP** to access MySQL Database, Struts Action Servlet to route the request to corresponding Action Classes.
* Experienced in **Gitlab** CI and Jenkins for CI and for End-to-End automation for all build and CD.
* Performed unit testing using **JUnit** framework and for testing Entities and the backend services.
* Created **RESTFUL** webservices for refreshing the cache memory of the data.
* Proficient in persistence framework like Hibernate and JPA
* Worked with Middleware using Message-driven by **POJO** (MDP) after creating QCF, Queue on WebSphere server, and using **JMS** template for asynchronous functionality for multiple users

**Environment**: Java 11, Tomcat 7, GitLab Spring Tool Suite, Spring, Spring Boot, Hibernate, MongoDB, RESTful Web Service, Cassandra, Oracle, HTML5, CSS3, jQuery, JPA, Node JS, D3.js, React JS, Angular, JSP, Struts, JMS, Jenkins, Agile, JIRA tool, Selenium, Kubernetes, Maven, AWS

**Client: LabCorp America, Burlington, NC Sep 2018 – Feb 2019**

**Role: Sr Full Stack Developer**

**Responsibilities:**

* Created Front-end Applications using **HTML5, CSS3, JavaScript, jQuery, Angular JS, Node JS, Backbone JS, OOP, DOM, Twitter Bootstrap 3, AJAX, XML** and **JSON**.
* Designed and modified User Interfaces using **JSP, JavaScript, CSS,** and **jQuery**.
* Leverage knowledge of **W3C** standards, cross-browser development techniques.
* Maintained states in the stores and dispatched the actions using **redux**.
* Constructed a powerful and modern frontend architecture, **involving React, Redux**, and **ES6**.
* General form validation was done using **ES6** closures for **Widget-app** module.
* Developed automatic update tool using **Redux** architecture.
* Used **Redux** to store data from multiple **API** endpoints.
* Developed various screens for the front end using **React JS** and used various predefined components from **NPM** (Node Package Manager) and **Redux** library.
* Designed and implemented behavior-driven development (BDD) scenarios using Cucumber in Java.
* Wrote feature files in Gherkin syntax to define application behavior from a user's perspective.
* Integrated Cucumber with Selenium WebDriver to automate acceptance tests based on feature files.
* Collaborated with stakeholders to write and review feature files to ensure alignment with business requirements.
* Executed Cucumber tests in various environments, including local development and continuous integration servers.
* Experience with Object Oriented Programming with Java preferably in multi-tenantapplication. Experience with Groovy is a plus
* Developed dynamic responsive Web Application by integration Angular2 with Bootstrap which is further integrated with **Web Services** and **Vue.js**
* Experience with JSP, Servlets, JSTL, Spring Framework, Struts, JSF, Hibernate, JPA, jibx, Axis2, JSON, and iText
* Used Kafka to load data in to **HDFS** and move data into **NoSQL** databases like Cassandra.
* Collaborate with Build Team to integrate **HTMLs**, front-end code with the backend technology and portal framework, to ensure the **UI** is implemented.
* Implemented Model View Controller (**MVC**) Design Pattern using **AngularJS** and developed reusable components with AngularJS custom directives.
* Created **REACT** views **React JS, Web API, HTML5, CSS3** to display the data associating to a product for technical sales reps and partner users.
* Designed services to store and retrieve user data using **Mongo DB** database and communicated with remote servers using **REST** enabled **Web Services** on **Jersey framework**.
* Used **CSS** basics, **CSS3** media queries, **CSS3** pseudo classes.
* Implemented User Interface and integrated with backend code, **Node JS** as server-side technology.
* Worked on Responsive **Web Design** (**RWD**) to make website Responsive for Desktop, mobile and Tablets using **Bootstrap** and **Media Queries**.
* Developed multiple POCs Using Scala and deployed on the Yaran, Performance of Spark, **Cassandra**
* Utilized JavaScript and **jQuery** to improve the overall design and **UI** of campaign websites.
* Extracted data in **UI** for different clients using **JSON** format.
* Implemented client-side validations using **JavaScript**.
* Involved in consuming, producing **SOAP** and **RESTful** based web services.
* Implemented **AJAX, JSON,** and **JavaScript** to create interactive web screens.
* Utilized **Agile Methodologies (Scrum)** to manage full life-cycle development of the project.
* Adopted a cross browser and cross platform approach to make the websites most versatile and supportive.
* Used **GitHub** version control system as a source repository to organize the code base.
* Manipulated data using **CRUD** operations of **MongoDB** database management system and handled database access using **Node JS**.
* Applied write Concern for level of acknowledgement while **MongoDB** write operations and to avoid Rollbacks.
* Experience on creating **Microservices** with **Spring Cloud**, **Eureka Service Discovery, Ribbon, Spring Boot**, **Apache** Camel and **REST** web services.
* Developed **XSLX** utility for real time reports using server-side code and Apache.
* Followed agile software development practice paired programming, test driven development **TTD** and **scrum** status meetings.
* Integrated **HTML** into **WordPress** **CMS** platforms by primarily converting them into themes and templates.
* Debugging and testing done with Google chrome developer tools and **Firebug**.
* Created unit test with **Jasmine, Karma** for frontend and **Junit**, **DB Unit** tests for Presentation, Business and Data Access layers.

**Environment:** Java 1.8, HTML5, CSS3, JPA, AJAX, JSON, JSP, JavaScript, jQuery, OOP, Backbone JS, React JS, Angular JS, Node JS, Redux, Twitter Bootstrap 3, MS Access, WordPress, Adobe Flash, MS Office, SOAP, Cassandra, MongoDB, Agile SCRUM, RWD’s, GIT, Apache, Firebug, DB unit, JUnit, Jasmine, Karma.

**Client: Regions Bank - Austin, TX Sep 2017 – Aug 2018**

**Role: Senior Java Developer**

**Responsibilities:**

* Actively involved in mock screens development and project start-up phase.
* Efficiently managed the tasks and working and delivering features in a fast-paced scrum environment.
* Experience working in **Agile** development following **SCRUM** process, Sprint, and daily stand-up meetings.
* Involved in developing the **UI**, layout and front-end programming for web application that matches requirements of the client.
* Developed automated test scripts using Selenium WebDriver in Java for web application testing.
* Implemented robust and maintainable test frameworks using Page Object Model (POM) design pattern.
* Integrated Selenium with testing frameworks like TestNG and JUnit for comprehensive test coverage.
* Conducted cross-browser testing to ensure compatibility across different web browsers.
* Implemented continuous integration pipelines for Selenium tests using tools like Jenkins and Bamboo.
* Experience in working on OpenStack components along with Salesforce CRM (SAAS, PAAS) and have extensively worked with Infrastructure as a Service (IaaS) environments using tool Chef
* Prepared Technical Design documents with **UML** diagrams using **Microsoft Visio**.
* Developed **UI Layer** for the application using **HTML5, CSS3, JSP, JSF, JavaScript, AngularJS**.
* Developed Angular factories and used Angular promise API for making asynchronous calls.
* Analyzing the equivalent **ExtJS** components and implementing those components.
* Involved in building a single page and cross browser compatible web application using **Angular-JS** (Angular routing) and **bootstrap**.
* Worked with advanced **MVC** framework such as **Spring-IOC, AOP, MVC** and Batch which is used for implementing backend functionality.
* Participated in coding Spring **AOP** components for the Logging, Exception handling and Transactional Model to handle many requests
* Support & Enhancement to the existing implementation of correspondence components which are developed using **EJBs, JPA** and **Web Services / JMS** Technologies.
* Used Java Message Service **(JMS)** for reliable and asynchronous exchange of important information for status report.
* Used Hibernate, object/relational-mapping **(ORM)** solution, technique of mapping data representation from **MVC** model to Oracle Relational data model with **SQL-based schema**.
* Implemented Authentication & Authorization with Site Minder and spring security.
* Working within **SOA** based enterprise framework to build web services for Middle Tier processing.
* Analyzed current legacy infrastructure, established business case, and built consensus for virtualized IaaS / PaaS near term strategy with SaaS mobile **cloud services** end state.
* Developed **SOAP** based web services using **WSDL, SOAP, JAX-WS** and **AXIS**.
* Produced as well as consumed **RESTful** web services using Jersey API's.
* Followed **Java &J2EE** design patterns and the coding guidelines to design and develop the application.
* Done with peer level code reviews.
* Fixed defects identified during **QA, UAT** and **Production**.
* Done with Web logic application server set up & deployed the application on it.
* Worked with **GIT** which is used as a version control tool in the project.
* Done with Unit testing using **JUnit** and **Mockito**.

**Environment:** Java 1.6, J2EE, Servlets, JSP, Spring-MVC, IOC, AOP, Multithreading, Hibernate, Eclipse, Angular-JS, NodeJS, CSS3, HTML5, Web logic Server, WSDL, SOAP, JAX-WS, , AXIS, Jersey, Tomcat, Oracle 11g, Oracle SQL Developer, Linux, PaaS, GIT, JIRA.

**Client: Mithra Software solutions, Hyderabad, India Sep 2012- Aug 2015**

**Role: Java Developer**

**Responsibilities:**

* Responsible for writing functional and technical specifications.
* Extensively used **J2EE** design Patterns.
* Implemented the **DOJO** **API** for powerful scripting.
* For updating the new modification and issues **AJAX** scripting is used.
* Implemented **JSP**, spring, **Java Script,** and **CSS** for developing User Interfaces.
* For exchanging the text and communication with web service **JSON** is used extensively.
* Developed Rich UI applications using **JavaScript, HTML**, and **CSS**.
* Used the JavaScript alert dialog boxes with my Perl **CGI** program.
* Utilized Lambdas and Streams in Java 8 to write concise and expressive code for data processing.
* Implemented functional interfaces and used lambda expressions to enable functional programming paradigms.
* Enhanced code readability and maintainability by replacing traditional loops with lambda expressions.
* Leveraged parallel streams to improve performance by utilizing multicore processors effectively.
* Applied lambda expressions in conjunction with the Optional class for safer and more streamlined error handling.
* Implemented Collection Framework and used the Thread, **I/O** functionalities for meeting access.
* Used Hibernate for database and to manage Transactions.
* Hibernate as an **ORM** tool for **OR mappings** and configured **hibernate.cfg.xml** and **hibernate.hbm.xml** files to create the connection pool.
* Hibernate Persistence Strategy is used for database operations and Developed **Hibernate** as the data abstraction to interact with the database.
* Developed Session and Entity **(CMP)** beans **(EJB)** for crucial business logic.
* Developed Message Driven Beans for asynchronous ordering process.
* Worked on **XML** Parsing **(DOM/SAX), XML** Schemas/**DTD** and **XML**Beans.
* Extensively used **JUnit** for Unit Testing
* Added support for multiple Java Native Threads calling the same Perl interpreter.
* Integration with the **J2EE** Services layer of Unity Platform, using Spring application context.
* Introduced the spring-based architecture for the newly designed **UI** Infrastructure services to interact with the legacy services.
* Maven is used to download the Java Plugin for developing the applications.
* Developed **PL/SQL** stored procedures in Oracle.
* Extensively used **Eclipse 3.2** with Debugging and Development.
* Used wireframes and Rational Rose for Software design.
* Managed Source Control and Version Control using **CVS**.
* Followed the standards of the **CMMI** for the risk assessment and analysis process.
* Deployed the project in the **Web Logic** Application server.

**Environment:** J2EE 6, Java, JSP, JMS, Spring, Hibernate, Web Services (REST), EJB, JSON, JDBC, JavaScript, HTML, XML, AJAX, JMS, DHTML, Tomcat, Eclipse, Web logic 10.3.1/10.3.2, PL/SQL, Oracle, DB2, Windows, CVS.

**Infotech, India July 2010 – Aug 2012**

**Java/J2EE Developer**

**Responsibilities:**

* Involved in Understanding and analyzing the requirements and part of the process of designing the system.
* Implemented server-side programs by using Servlets and client side by using **JSP**.
* Designed, developed, and validated User Interface using **HTML, JavaScript**, and **CSS**.
* Handled the database access by implementing Controller Servlet.
* Developed Spark applications using Scala and Java to process large datasets efficiently.
* Implemented complex data transformations and manipulations using Spark RDDs and DataFrames.
* Optimized Spark jobs for performance by tuning configurations and leveraging Spark's caching mechanisms.
* Integrated Spark with various data sources like HDFS, S3, and Kafka for real-time and batch processing.
* Collaborated with data scientists to deploy machine learning models using Spark's MLlib.
* Used **JDBC** to access and manipulate data from the Oracle database.
* Created views and stored procedures in **Oracle** **SQL/PL-SQL**.
* Widely used **HTML** for web-based design.
* Used **Log4J** for logging/detecting errors in the application.
* Used **FireBug** to keep a track of bugs.
* Also used **CVS** as the version control manager.
* Performed client and server-side validations for customer account registration using struts validations also used basic JavaScript validations at frontend.
* Developed **DAO** layer using **JDBC, SQL** queries and Oracle database.
* Worked on producing **Soap Web Services** with **WSDL** Contract
* Configured **Log4J** and inserted log messages at database level.
* Have used **SOAP UI** for testing **SOAP** transport protocol.
* Developed, compiled, and deployed the **WAR / EAR** file on **JBoss** Server.
* Involved in writing unit test cases for doing positive and negative test cases, version controlling is done using **CVS**.

**Environment:** J2EE 6, Java, JSP, JMS, Spring, Hibernate, Web Services (REST), EJB, JSON, JDBC, JavaScript, HTML, XML, AJAX, JMS, DHTML, Tomcat, Eclipse, Web logic 10.3.1/10.3.2, PL/SQL, Oracle, DB2, Windows, CVS.

**EDUCATION:**

* Bachelor of Technology in Information Technology from Jawaharlal Nehru Technological University, IN
* Masters in computer information systems from California University of Management and Sciences, CA