

Vikas  
Sr. Java/J2EE Developer

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Professional Summary:

- Over 8+ years of **IT experience in Design, Development, Support and Implementation** of Web based applications using **JAVA/J2EE Technologies (Core Java, JDBC, Servlets, JSP, XML, spring, JUNIT, Hibernate, and Restful API)**. Worked in IDEs such as **Eclipse, WSAD and Net Beans, spring tool suite**.
- Experienced in implementing Enterprise Applications with each phase of **Software Development Life Cycle (SDLC)** including Requirements **gathering, Analysis, Design, Reviews, Coding, Unit and Integration Testing**.
- Designed & developed several **multi-tier Web based, Standalone, Distributed, Client-Server and Multithreaded applications** using **Object Oriented Analysis and Design (OOAD)** concepts and **Service Oriented Architecture (SOA)** mostly in cross-platform environments.
- Implemented a Continuous Delivery pipeline with **Docker, Jenkins and Git Hub and AWS AMIs** to run the war, AMI and deploy jobs in Jenkins brew master instance, which reduces the time for the deployment of **micro services**. Migrated Spring based application to **Cloud based Micro service API**.
- Extensive experience with advanced **Java and J2EE** technologies like Servlets **JSP, EJB, JDBC, Struts 1.2/2.x, JMS, JSF My Faces, JPA, JNDI, JSTL, JTA, JAX-WS, JAX\_RS, Spring and Hibernate**.
- Extensive knowledge of front end technologies like **AJAX, JSP, JSPF, JavaScript, jQuery, Backbone.js, Underscore.js, YUI, HTML5, and CSS**. Expertise in using build/deploy tools such as **Ant, Maven, JUnit and Jenkins**. Used **Spring Boot** created **REST API's** per application business to perform search using **elastic java sdk**.
- Designed the application by implementing **JSF Framework** based on **MVC Architecture**, simple **Java Beans** as a **Model**, **JSP** and **JSF UI Components** as View and Faces Servlet as a Controller.
- Extensive experience in working on projects with **Waterfall** and **Agile** methodologies such as **Test-Driven Development (TDD)** and **SCRUM**. Hands on experience with database tools like **Toad for Oracle, DB2, SQL Server**. Good Knowledge on **Service Oriented, Microservices architectures** and **Enterprise Service Bus(ESB)**.
- Hands on experience with various Application Servers and Web Servers including **IBM Web Sphere 6.x/7.x, Oracle Web logic, JBOSS, Apache Tomcat server 6.x/7.x/8.x, XAMPP 1.7.x/1.8.x** with wide variety of development environments such as **Eclipse IntelliJ, WSAD 5.0, My Eclipse, IBM RAD 6/7/8, NetBeans, Notepad++, Sublime text, Dreamweaver and Brackets**. Good working knowledge on business rules engine like **Drools**. Experience in developing of web applications using **Google Web Toolkit (GWT), GXT, AngularJS, Vaadin**.
- Expertise in Client Scripting language and server-side scripting languages like **HTML, DHTML, CSS, JavaScript, JSTL, AJAX, jQuery, Ext-JS, JSON, Dojo, bootstrap, AngularJS and node.js**.
- Developed web applications utilizing **jQuery, HTML5, CSS3, Angular JS, Struts, Java/J2EE, JSP, Servlets, JAX-RS, RESTful Web Services, SOAP Web Services, Spring Framework, Hibernate Framework, XML, JSON, Oracle, MySQL, SQL Server, Tomcat, Maven, Jetty, Spring JMS, JBOSS, JDBC and WebLogic**.
- Extensive experience with **SOAP Web Services, RESTful Web Services, Spring AOP, Spring IOC, Spring WS-Security, Spring MVC, Spring Integration, Spring Security, Spring JDBC, Spring Boot, Hibernate Framework, Servlets, JSP, Struts, JDBC, Oracle**.
- Strong working knowledge of RDBMS concepts having worked with **MySQL, Sybase, Oracle 10g, MongoDB and DB2**. Hands-on experience with **IBM MQ Series** and **JMS** communications between middleware components.
- Managed **Amazon Web Services** like **EC2, S3 bucket, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, Dynamo DB, Elastic search, Virtual Private Cloud (VPC)** through **AWS Console and API Integration**.
- Excellent in deploying the applications in **AWS** as **EC2** instances and create snapshots for the data that must be stored in **AWS S3**. Good understanding on **NoSQL** databases like **Mongo DB and Cassandra**.
- Experience in building web applications using **Spring Framework** features like **MVC (Model View Controller), AOP (Aspect Oriented Programming), AspectJ, IOC (Inversion of Control), DAO (Data Access Object) and template classes**. Good knowledge and experience in writing queries for **SQL, Oracle 8i/ 9i/ 10g/11g**.
- Implemented **SOA** architecture with **web services** using **SOAP, WSDL, UDDI and XML**. Worked on Web Services testing using **Selenium IDE, and Selenium RC Server, Selenium Grid/Web Driver Testing, SOAPUI and Testing**.

## TECHNICAL SKILLS:

**Internet Technologies:** Core Java, J2EE (EJB, JMS), Struts, Spring, Hibernate, IBM MQ Series, log4j, XML, Dom, AJAX

**Frameworks:** JSP/Servlet, Java Script, HTML, AngularJS Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, JSF, JUnit, Jasper reports, SOAP UI, Groovy

**Tools:** SVN, CVS, Perforce, Serena PVCS, GIT, Jira, Confluence, SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis2, CFX, AWS, Micro services

**Middleware:** J2EE (MDB, JMS). IBM MQ, SOA

**Design Patterns:** Java Design Pattern [Abstract Factory, Factory Method, Singleton, Builder, MVC, Front Controller, Singleton, Business Delegate and DAO patterns, Bridge, Decorator, Adapter, Chain of Responsibility, Command], J2EE Design Patterns [Front Controller, Business Delegate, Session Façade, Data Access Object and Value Object]

**Webservices:** Spring based Restful, SOAP, WSDL, SoapUI

**Application Servers:** IBM WebSphere 8.5.5, Oracle WebLogic Server 11g, JBOSS Server 8.0.0 and Tomcat 8.0.9.

**Databases:** Oracle, Mongo DB 3.1, MySQL, DB2

**Operating Systems:** Windows 2000 / NT 4.0 / 98 / XP/Vista/7/8/10, Mac, Sun Solaris, Red Hat Linux, Unix

**IDE:** Eclipse Mars.2 Release (4.5.2), IBM Rational Software Architect and IBM Rational Application Developer, PL/SQL Developer

**Other Tools:** IBM RAD, SQL\*Plus, SQL Navigator, MS Office Suite, MS Project, Rational Paradigm, JUnit, TOAD, Soap UI, Putty, Rational Clear Quest, RTC, StarTeam, Mockito

**Build Tools:** Maven, ANT

**Mark-up/XML:** HTML, CSS, JavaScript, jQuery, AJAX, Bootstrap, AngularJS, XML, XSD, XSL/XSLT, SAX/DOM, JSON

## Professional Experience:

**Walmart, Bentonville, AR**

**April 2017 to Present**

**Role: Java fullstack Developer.**

**Project Description:** Walmart mainly focuses on developing a Retail application for selling products such as printer, scanners, floppy, office accessories, sheets etc. The motive of Walmart is to provide quick service to the consumer who needs quick purchase of office accessories both in lesser and bulk quantities. Generation of internal feeds like Coupons, Rebates and Campaigns are additional challenges. It requires technical expertise as well as domain knowledge.

### **Responsibilities:**

- Involved in Requirements gathering, Analysis, Design, Development and Testing of application using **AGILE** methodology (**SCRUM**).
- Developed and designed the web interface using **HTML5, CSS3, React.JS, Node.JS, JavaScript, JQuery, Angular JS, Ext.JS** and **Bootstrap**.
- Used **Pivotal Cloud Foundry**, the connection/service binding details are injected from the deployed **cloud** platform itself.
- Involved in build process, modifying the **Gradle** files, compiling the code building, **packaging** the WAR file and deploying onto various **Tomcat** servers in **UNIX** environments.
- Designed **Java** Components and integrated using **spring** framework with **Hibernate Object/Relational persistence** mechanism. Worked on **web** application **security** enhancements using **OWASP**.
- Involved in writing **Spring** Configuration **XML**, file that contains declarations and business classes are wired-up to the frontend managed beans using **Spring IOC** pattern.
- Implemented the application using **Spring IOC, Spring MVC** Framework, and **Spring Batch** and handled the **security** using **Spring Security**. Implemented service methods and **SQL** queries, **SQL** to interact with the forms.
- Experienced in **React.js** for creating interactive **UI's** using One-way data flow, **Virtual DOM, JSX, React Native** concepts. Involved in integrating **JAX-RS** into **Spring Boot** application. Application was deployed using **JBOSS**.
- Implemented **Micro Services** using **Spring Boot, Spring Cloud**, and **Spring Micro Services** and enabled discovery using **Netflix Eureka Server**. Created web services using Spring Rest Controller to return **JSON** to the **frontend**.
- Designed and developed **DAO** layer with **Hibernate** standards, to access data from **SQL** Server.
- Created **SQL** Server logins and assigning roles and Authentication models as a part of **Security**.

- Used **multithreading** in programming to improve overall performance using **Singleton** design pattern in **Hibernate** Utility class. Development carried out under **STS** Integrated Development Environment (IDE).
- Developed the persistence layer using **Hibernate** Framework, created the **POJO** objects and **mapped** using **Hibernate** annotations and **Transaction** Management.
- Involved in creating **Mongo DB collections** and documents and developed **Mongoose** Schema objects to perform **CRUD** operations. Performed deployment of applications on **IBM WebSphere** Application Server.
- Responsible for **Continuous Integration** (CI) and **Continuous Delivery** (CD) process implementation using **Jenkins** along with **LINUX** Shell scripts to automate routine jobs.
- Used **MAVEN** to define the dependencies and build the application and used **JUnit** for suite execution and Assertions. Used **JIRA** for **bug tracking**, **issue tracking** and project management.
- Used **GIT** as source control management giving a huge speed advantage on centralized systems that must communicate with a server.

**Environment:** Java, Agile, HTML5, CSS3, Bootstrap, Angular JS, React.JS, JSTL, J Query, AJAX, AWS EC2, S3, Micro Services, Hibernate, Spring, Pivotal Cloud Foundry, RESTful API, SOA, JAX-RS, JSON, SQL, Node.JS, Oracle, CRUD, CI, CD, Jenkins, multithreading, JIRA, Rabbit MQ, React Native, Gradle, MAVEN, J Unit, UNIX, STS, IBM Web Sphere, Log4J, GIT

**Wells Fargo, Charlotte, NC**

**June 2016 to March 2017**

**Role: Java Full Stack Developer**

**Project: Core Sales & Fulfillment Mortgage System**

**Project Description:** Core is an initiative to re-architect and redesign retail mortgage application management process by integrating both sales and fulfillment. This application manages a loan application from the initiation of a loan application till its funding, thereby reducing the logistics and manual process involved in the product sales and fulfillment process. Sales users gather all the required information from the applicants and submit the loan to the fulfillment process. Fulfillment processors will take up the loan after it is submitted and processes until the funds disbursed. It has major components like Loan Status, Application Management, Pricing, Closing/Funding, Decisioning, Document Generation, Vendors and Stipulations

#### **Responsibilities:**

- Worked with Requirement leads, Architect and Project managers to translate business requirements into technical specifications. Developed rich user interface **UI's** using **Bootstrap** directives.
- Involved in implementation of server layer services like **business services**, **entity services** and **integration services**. Developed **WebPages** using **UI frameworks**, **Angular JS** and **Ext JS**.
- Worked on business modules like **Loan status**, **Application Management**, **Assets**, **Closing/Funding** and **Product Pricing**. Utilized features of **Spring Core layer** and **Spring DAO** support layer to develop the application.
- Built an **API** facade layer using **NodeJS (with express-JS)**. Developed reusable **AngularJS** directives.
- Converted **UI** screens from **XMI (XML Metadata Interchange)** framework to **AngularJS** framework which resulted in better performance and reduced code count.
- Developed **AngularJS** Controllers which isolates scope to perform operations in **UI**. Developed reusable code and libraries for future use by creating services/factories and injected them to controllers using Dependency Injection. Used **NoSQL DB** like **Mongo DB** for the proof of concept.
- Configured **Hibernate** into a **Spring** application and used **Spring's DAO** support to build **Hibernate DAO classes**.
- Used **Object Oriented Design** and **Object-Oriented Programming** concepts of **Core JAVA** like **Polymorphism**, **Multithreading**, **Inheritance**, **Interfaces**, **Generics**, **Collections** and **Socket Programming**.
- Persistence mechanism implemented using **Hibernate** framework utilizing table per subclass inheritance based mapping, component mapping and other association mapping strategies.
- Developed **JAX-WS** and **JAX-RPC SOA service** binding producers and client implementation from **WSDL** contracts. Involved in development of individual Sprints with the help of **GitHub**.
- Worked on variety of Frontend JavaScript frameworks like **AngularJS**, **BackboneJS**, **ReactJS**, **JQuery**, **JQuery UI** and good knowledge in **EmberJS**. Involved in fixing issues in **IST**, **QA**, **UAT** & **Production** environments.
- Consumed **RESTful Web services** provided by different vendors to submit/fetch the **Appraisal/Valuation Orders**, **Tax/Flood Orders** and their statuses, and fetch **Employment/Income** information.

- **HQL** and named **queries** are used throughout the application for consistency and maintainability.
- Involved in the development of Job Scheduler software module using **Apache** open source Java based scheduler called as **QUARTZ Scheduler** and **Spring HTTP INVOKER Webservice**.
- **Developed data access object (DAO)** layer for Job Scheduler module using **Spring JDBC API (Stored Procedures)**.
- Involved in writing **SQL queries & PL/SQL - Stored procedures, function, triggers, cursors, object types, Cursors, sequences, indexes etc.** Integration of **spring modules** with **AWS** modules to consume third party services.
- Developed **micro services** as a strategy to gradually replace the fragile core monolithic **Java** application while still being able to add new business features. Used **WordPress** for managing.
- Used **ELK** is stack of three, **Elastic search** - distributed restful search and analytics, **Log stash** - manage events and logs, **Kibana** - seamless integration with other technologies.
- Used **JBOSS** application server for deploying the apps on different servers in different environments like **Dev/QA/IST/Production**. Used **Splunk** for server logs analysis and real-time defect tracking.
- Expertise in front ends technologies such **HTML, CSS, LESS, SASS, Java Script, ReactJS, AngularJS, GWT and AJAX**. Implemented **JavaScript test cases** using **Jasmine/Karma**.
- Performed bug tracking using **JIRA** and maintained documentation for using **Confluence**.
- Implemented **Unit Testing using JUnit, TestNG, Mockito/Power Mock and Selenium**.
- Involved in building the code & deploying on the server using tools **Maven and Jenkins**
- Used **Grunt-JS** to test the **JavaScript** with **Sonar Qube (with JS Hint, HTML Hint, etc. plugins), concatenate, minify and Gzip** the source code as well as pass it through templates to create the **Jasmine test codebase** and **made custom configurations for testing and deployment**.
- Used advanced java features like **Lambda** expressions for **array operations, collections**.
- Enhanced Following Coding guide lines & maintain quality of code by checking with **Sonar Qube /Sonar Lint**
- Providing On call support for Production and Integration environments.

**Environment:** Java 1.8, Spring 4.3.2, Hibernate 4.2, Web Services, REST, WSDL, SOAP, XML, XSD, AJAX, AngularJS, Bootstrap, NodeJS, HTML, CSS, Java Script, JSON, Oracle 11g, Oracle SQL developer, JBOSS Application server, Eclipse, Maven, TestNG, Camel, WordPress, Mockito, Jasmine/Karma, Power Mock, Selenium, Tortoise SVN, JIRA, Fish Eye, Confluence, Web Builder, Splunk, Sonar Qube/Sonar Lint, Windows 7, Linux, AWS, Docker.

**Source Link, Kansas City, MO**

**July 2015 to May 2016**

**Role: Senior Java Developer**

**Description:** Source Link which helps entrepreneur to start up his business. Source Link provide the full-service direct marketing agency that specializes in identifying, about what kind of costumers are best for their brand, what are the resources we can find to help improve your business and how can you get the funding for the growth of the business.

#### **Responsibilities:**

- Analysis and understanding of business requirements and was one of the members in the architecture team for designing and implementing the system.
- Participated in **Design, Development and Support phases of Software Development Life Cycle (SDLC)**.
- Implemented the process using **Agile (Scrum) methodology and Test-Driven Model**.
- Contributes and establishes the strategy / approach, Best Practices and methodology to PMO on how to Plan, manage, execute and report projects under **Agile / Scrum Framework**.
- Involved in converting the application from **Spring3.0** to **Spring4.3** along with conversion to Standard Spring **MVC**, security features and integrated with the **Hibernate** framework.
- Used **Spring IOC** for dependency **Injection**, **Spring AOP** for controlling the execution process of **beans life cycle**, **Spring Batch** to process the **CSV files**.
- **Spring framework and DAO classes** using **JPA** framework for persistence management and involved in integrating the frameworks for the project. Developed **Stored Procedures** and **Triggers** on **Oracle Database**.
- Used **Hibernate 3.0** as **ORM** tool for data related functionalities, persistence layer and implemented transactions.
- Implemented the **DAO and Business Delegate design patterns**. Used **hibernate DAO** objects for retrieving data from database (**MYSQL**) which were used in **Hibernate mapping**.



- Developed front end user interface using **HTML5, XML, CSS3, Bootstrap, JavaScript, JQuery, AJAX, AngularJS, JQuery and JSP2.0**. Implemented a Continuous Delivery Pipeline with **Jenkins and GitHub**.
- Using **AngularJS** created few **HTTP** Requests to few application related **web API's** got the results and stored them. Experience working with **Cassandra**. Developing **RESTFUL web services** using **JPA, Cloud Foundry**.
- Designed the **UX** for the front-end using **Twitter Bootstrap**.
- Developed **Graphical User Interface (GUI)** to display report data using **JQuery** in Cross-browser compatibility and Web Application Scaling. Used **JSF** expressions in rendering content and validation.
- Built **JavaScript** functions to generate dynamic **HTML** components like table list, calendar, and spreadsheets and drop-down menus. Extensively used the **Java** collection Framework Classes for Holding the Application objects.
- Experience in implementation of business applications using **Web logic, WebSphere, IBM WebSphere Application and Portal Server (WAS/WPS), JBOSS and Tomcat**.
- Developed web application using **JSF (Java Server Faces)** framework backing classes and utility classes.
- Implemented **Web services** using **apache API** and tested them using **SOAP UI**. Integrated the **SOAP** Web services to **RESTful Web Services**. **JSF** navigation configured in **JSF** configuration file and its backing beans.
- Worked with **DBA** to understand the current data model and integrate new Tables within the existing **Data Model**. Used **GIT** version control system on the server side to maintain the latest snapshot of data.
- Used **Maven** for integration and building of the project and used **SOAP UI** for testing the **Web Services** calls (Request and response formats and data).
- Extensively involved in developing and writing Maven built scripts for automated build and deployment processes. Implemented **Java security manager** to access **EJB (Elastic Java Beans)** with **Java security API**.
- Utilize **Camel** to integrate micro services with other **microservices** and **RabbitMQ** messaging exchanges.
- Design and develop **Microservices** platform to support a multitude of enterprise level applications. Mentor to developers on JS best practices and server-side development.
- Used **JMS** for communication between the applications and **MQ** for communicating with the third-party applications. Implemented **EJB3** Annotations for **Entities, Relations and Transactions**.
- Used **Eclipse IDE** for **coding, developing** applications and deployed to local WebSphere Application Server.
- Worked closely with **QA** for fixing the **bugs**. Tested the whole application for errors line by line and used **Log4J** for logging all the application exceptions and debugging statements.
- Used **Jenkins** and made the deployment automated and deployed the project on **Amazon AWS**.

**Environment:** Java 1.8, J2EE, JSP 2.0, JavaScript, AngularJS, Node.js, Servlets 3.0, Hibernate 5.0.X, MAVEN, Spring 4.3, WebSphere Application Server, Eclipse Mars, REST and SOAP Web services, MYSQL, mango DB 3.2.9, UML, Visio, Log4J, UNIX, Soap UI, jQuery, HTML/HTML5, AJAX, Bootstrap, XML, GIT, JMS, JSF, EJB3, Jenkins, AWS, JUNIT, GIT.

**Optima Health, WI**

**August 2014 to June 2015**

**Role:** Java Developer

**Description:** Developed web application for brokers of small market health insurance for group or individual customers. Basic functionality was to get customer physical address, marital status, family health and their individual health information. After all the required information provided by customer application would figure out the best available health plan in small market and output to customers for their selection.

#### **Responsibilities:**

- Involved in the complete **SDLC** including design of **System Architecture**, development of System Use Cases based on the functional requirements. Worked with core **Java** technologies like **Multi-Threading** and synchronization.
- Involved in **Daily Scrum (Agile)** meetings, **Sprint** planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
- Designed and coded controller classes using **J2SE** that would talk to real hardware controller to access their states and gave the user control over the hardware through the **multithreaded UI**.
- Analyzing business requirements and generate technical specifications to design software components and applications for **middleware**. Wrote scripts in **UNIX** to process the Batch Jobs on a scheduled basis.

- Used **HTML5**, **CSS**, **jQuery**, **AngularJS** and **JavaScript** to construct the **dynamic web pages** (presentation Layer) for the application. Used **AngularJS** and **Backbone JS** for client-side validation.
- Created Single page application using **Backbone JS** and **NodeJS** to handle data flow.
- Used **JavaScript** latest version of libraries based on running in the **NodeJS** environment.
- **Achieved Dependency injection** by creating **Spring** services, **Spring** controllers and **DAOs** to wire objects of business classes. Developed internal coding using **J2EE** technologies based on the **MVC** Architecture.
- Implemented **DAO** pattern to fetch data from database using **Hibernate** to carry out various database operations and avoid redundant database access statements.
- Designed and developed business components using **Spring Boot**, **Spring Dependency Injection (Core)**, **Spring AOP** and **Spring** Annotations. Implemented Business Logic using **Java**, **Spring MVC** and **Hibernate**.
- Used **Spring** Data Framework to use the features of **Spring JDBC** and **Spring ORM** classes like **JDBC Template** and **Hibernate** Template to perform the database operations by connecting to **Data** sources available.
- Developed **messaging** module using **Spring JMS**, **Apache Camel** and **Active MQ**, **RabbitMQ**.
- Had experience in working with Messaging technologies like **Apache Kafka**. Used **Cassandra** for proof of concept.
- Worked with **Apache Kafka** as a messaging service for activity tracking of an application.
- Developed **MySQL** stored procedures and triggers using **SQL** to calculate and update the tables to implement business logic. Implemented **PL/SQL** procedures and views in **My SQL** Database.
- Implemented **RESTful** Web services to retrieve data from client side and made **REST API** calls from **AngularJS** and **parsed** the data to project to client and handled the security and Authorization using **Spring Security** and **OAuth**.
- Focused on Test Driven Development thereby creating detailed **JUnit** tests for every single piece of functionality before writing the functionality. Written **LINUX shell scripts** to identify user login information.
- Experienced with **RAD** development methodologies and **Rational Clear case** for version control.
- Used **JIRA** ticketing system to keep track of issues and tasks on individuals.
- Used **Maven** to build the application and deployed on **IBM WebSphere** Application Server.

**Environment:** JAVA, J2SE, HTML, CSS, jQuery, Ajax, AngularJS, Bootstrap, JSON, J2EE, Spring Framework, Spring MVC, Spring Security, Spring Boot, Unix, Spring Data (Spring JDBC, Spring ORM), JSP, Hibernate, Web services, RESTful, RAD, WebSphere, Sonar Qube, Agile/Scrum Methodology, Maven, JIRA, JBOSS, Junit, TDD, MY SQL, LINUX GITHUB, Cassandra.

**Macy's, Atlanta, GA.**

**October 2013 to July 2014**

**Role: Java Developer**

**Project Description:** Macy's, is a premier chain of department stores owned by American multinational corporation Macy's, Inc. The IT department has successfully automated the Sales and marketing operations for the last seven years. My project tasks included marketing new costumes and cosmetics through web, mail and SMS media.

**Achievement:** Successfully developed and released two major back-end subsystems to support sales promotions and customized offers to Macys Star and Plenti reward card members.

#### **Responsibilities:**

- Designed Prototype and project layout skeletons using **ReactJS**, **jQuery**, **CSS3** and **HTML5**.
- Involved in designing and developed presentation layer using **Ajax**, **jQuery**, and third-party libraries.
- Used various **jQuery** and **Bootstrap** plug-in like date **picker**, **Bootstrap** selectors.
- Used **Apache Cordova** to build native mobile applications using **HTML5**, **CSS3** and **JavaScript**.
- Used **Adobe Experience manager(AEM)** to manage and deliver digital experiences across websites.
- Developed classes using core **java** concepts like **Multithreading**, **Concurrency**, **Memory Management**.
- Used **Multithreading** to develop various helper classes in programming to improve overall performance.
- Used **Spring DI**, **annotations**, and **MVC** to implement business layer and navigation part of application.
- Used **Spring Boot Actuator** to externalize application's configuration properties for various environments.
- Configured **Swagger-UI** registered **Microservice** with **Eureka** to monitor services from **Spring Boot** console.
- Defined **Hibernate** Named **Queries** for **Batch** operations while defined **Criteria Queries** for **Microservice**.
- **Microservice** have been built using **Spring Boot**, **Spring security** and deployed to **AWS** cloud.

- Used **Spring Cloud AWS Core**, **Spring Cloud AWS Context**, and **Spring Cloud AWS Messaging**.
- Utilized **AWS Lambda** platform to upload data into **AWS S3** buckets and to trigger other **Lambda** Functions Including **EC2**, **MongoDB** focusing on high-availability, fault tolerance, and auto-scaling.
- Database required for creation of new tables, PL/SQL stored procedures, functions, views, indexes, constraints, triggers and required SQL tuning to reduce the response time in the application.
- Developed several **REST** webservice which produces both **XML** and **JSON** to perform tasks, leveraged by both web and mobile applications. **RESTful** webservice using **Jersey** for **JAX-RS** implementation.
- Exposed and consumed **SOAP** based Webservice to communicate between systems.
- Developed several **SOAPS** based **JAX-WS** Webservice interfaces for integrating multiple systems, code re-usability and **JMeter** to test performance of **SOAP** protocol.
- Used **Redis** as in memory database, for **storing** and **fetching** data in memory to increase the performance.
- Used **Apache Kafka** for building real time data pipelines and for storing data in a distributed **cluster**.
- Worked on **Drools** Rule Engines with corresponding to validate the business User Roles.
- Used **SOAP UI** for Functional Testing, Performance Testing, Regression Testing and to test **REST & SOAP**.
- Used **Apigee** for web-scale, **enterprise** flexibility on premise and hybrid deployment on **single** code base.
- Created and configured new **JIRA** projects and worked with departments to maintain existing **JIRA** projects.
- Developed codes in an immutable manner using **Scala** to apply concurrency and parallelism.
- Developed **Unit test** cases using **Junit**, **Mockito** and **Jenkins** for continuous integration.
- Used **Kubernetes** for automating deployment, **scaling** and management of containerized applications.
- Used **Docker** to collaborate code, run and deliver more securely for both **Linux**, **Windows Server**.
- Developed **Maven scripts** and builds using **Maven** and continuous integration servers like **Jenkins**.
- Used **log4j** for logging and **GIT**, **SVN** for project management and version management.
- Functional testing of the front-end applications is done using **Selenium (IDE and Web Driver)**.
- Developed, Tested and Debugged the **Java**, **JSP** using **Eclipse RCP**.
- Deployed the application on **WebSphere 8.5** application server.

**Environment:** Java 1.8, HTML5, CSS3, jQuery, Bootstrap, AngularJS, Swing, Threading, AWS cloud, Spring MVC, Spring Boot, Spring Quartz, Hibernate Framework, Hibernate Transaction Management, Hibernate Batch Transactions, JAX-WS, PL/SQL, Oracle DB, Cassandra, JBOSS Drools 4.x, Docker, JMS, Maven, Jenkins, Apache Camel, SVN, JIRA.

**CSC, Hyderabad, Telangana, India**

**January 2012 to September 2013**

**Role: Java/ J2EE Developer**

**Project Description:** The Objective of this project was to develop and enhance Warehouse Management system to facilitate information tracking for various warehouse products shipped from the dispatch centers to the locations where it should be placed according to the License Plate number. The application is developed in J2EE architecture using EJB's, JSP and Servlets.

#### **Responsibilities:**

- Prepared Analysis document and followed **AGILE** software development with **Scrum** methodology.
- Developed the application on **NodeJS** platform using **JavaScript** programming.
- Used **JavaScript** and **jQuery** for validating the input given to the user interface.
- Applied data transformation rules to transform code from one format to another format using **NodeJS**.
- Created the **Nodejs** express server to build **MVC** framework from front-end side **AngularJS** to back-end.
- Developed front-end code with **Ajax** call in **AngularJS** and **jQuery** to retrieve data as JSON Object from controllers in back-end **RESTful** Server. Developed **API** using **Hibernate** to interact with the **Oracle** database.
- Extensive experience using framework **APIs** like **Struts**, **SPRING**, **iBatis** and **Hibernate**.
- Worked on the **SPRING** framework like **SPRING IOC**, **SPRING DAO**, **SPRING ORM** and **Spring Integration**.
- Involved in the development of backend Logics or data access logic using **Oracle DB & JDBC**.
- Expertise in **Multithreading**, **Remote Method Invocation (RMI)**, **EJB**, **Serialization**, and **Java Beans**.
- Worked extensively on **SPRING MVC** framework to develop new internal web application.
- Used **Spring AOP** components for the **Logging**, **Exception handling** and **Transactional** Models.

- Enforce compliance with dynamic processing and **security** policies by using **Mule ESB**.
- Developed **Spring boot** application with **microservice** and deployed it into **AWS** using **EC2** instances.
- Developed stored procedures, triggers, and functions with **PL/SQL** for **Oracle** database.
- Uses the **DAO** pattern for data access layer and **JMS API** for the messaging requirement.
- Design **PL/SQL** batches using Core **JAVA** with connectivity to **Oracle** for data maintenance and handling.
- Test **API** responses for **WCS** changes deployed on continuous basis, validate **Green Box** and **MongoDB** data.
- Developed test cases and performed unit test using **JUnit** Framework and used **JIRA** for tracking bugs.
- Developed and executed **SQL** queries for testing database integrity and for data analysis using **Selenium**.
- Developed automated regression test cases in **Selenium** WebDriver using Java programming language.
- Used **Maven** to build and generate code analysis reports and **JENKINS** for continuous integration.
- Used **WebLogic** for design, development, and deployment of applications.

**Environment:** Java, J2EE, SPRING, Hibernate, Struts, WebLogic, Restful, JQuery, AJAX, Ext JS, JavaScript, JSP, JSTL, Servlet, Microservice, Oracle, CRUD, PL/SQL, JIRA, Angular, GWT, JDBC, AWS, MongoDB, NodeJS, Adobe (CQ5), Bootstrap, Core Java, jBPM, NoSQL, UML, Eclipse, Junit, Maven, Agile, SOA, JIRA, JENKINS, Selenium.

**D. E. SHAW INDIA, Hyderabad, Telangana, India**  
**Role: Java Developer**

**August 2009 to December 2011**

**Description:** The objective of this project is to implement a web based front end system which can be used by the employees, managers and higher level management having specific role permissions for effective processing of day to day business activities in the company like leave management, project management and resource management etc.

**Responsibilities:**

- Developed the application using **Struts** Framework that leverages classical **Model View Controller** (MVC) architecture.
- Designed the user interfaces using **JSPs**, developed custom tags, and used **JSTL** Tag lib.
- Developed various **java** business classes for handling different functions.
- Developed controller classes using **Struts** and tiles **API**.
- Involved in Documentation and Use case design using **UML** modeling include development of Class diagrams, Sequence diagrams, and Use case Transaction diagrams.
- Participated in **design** and **code reviews**
- Developed **User Interface** using **AJAX** in **JSP** and also performed client-side validation
- Developed **JUnit** test cases for all the developed modules. Used **SVN** as version control

**Environment:** Java, J2EE, JSP, Struts 1.x, JNDI, DB2, HTML, XML, DOM, SAX, ANT, AJAX, Rational Rose, Eclipse Indigo 3.5, SOAP, Apache Tomcat, Oracle 10g, LOG4J, SVN.