**NAME: Hima Manikarao | Mobile: +1 7046595239 | Hima.Manikarao@gmail.com | FULL STACK DEVELOPER |** [**www.linkedin.com/in/himamanikarao**](http://www.linkedin.com/in/himamanikarao)

**PROFESSIONAL SUMMARY:**

* Over 7+ of experience in all the technical phases of Software Development Life Cycle (**SDLC**) including **Requirement Analysis, Design, Implementation and Testing in both Web based and Enterprise applications with emphasis on Object Oriented, Java/J2EE and Client Server technologies.**
* Experience in **GUI development** using **Bootstrap, HTML5, CSS3, JavaScript, jQuery, AJAX, XML**, **JSON, JSP, JSP** Tag libraries and Servlets.
* Hands on experience in **Unified Modelling Language (UML) design**, **Class / Sequence Diagrams** using **MS Visio** tool.
* Experience with **Spring MVC, Spring Boot,** Proficient in developing **Single Page Applications (SPA) using React.js.**
* Proficient in **Analysis**, **Design**, **Development**, **Architecture**, **Coding**, **Testing,** and **implementation** of Client/Server, Internet, and Legacy Applications.
* Expertise in developing applications using **Java/J2EE Technologies** like **JDBC, JSP, JSF, Servlets, JPA**, **Java Beans**, **Spring IOC, AOP** and **JMS.**
* Developed applications using **Spring**, **Spring Boot** and **Hibernate** Frameworks.
* Utilized Core, Context, and Security, Bean modules of Spring Framework.
* Implemented MVC, Singleton, Factory, DAO, Value Object, session, Facade, Data Access Object, Business Object paradigm.
* Utilized a **Micro Services** with Spring Boot-based services interacting through a combination of **REST** and **Rabbit MQ** or **Apache Kafka** message brokers.
* Completed Oracle's **Java SE 8** Lambda and Streams certification, demonstrating proficiency in using these features to create efficient, functional code.
* Implemented functional-style operations using streams and lambda expressions to process large sets of data in a real-time analytics application.
* Expertise in utilizing the java.time package to handle date and time operations and **Nashorn JavaScript** Engine to integrate JavaScript code with Java applications.
* Experience on Java **Multi-Threading, Collection, Interfaces, Synchronization**, and **Exception Handling**.
* Hands on exposure to Web Service technologies like **REST, SOAP.**
* Created **Restful** Web service for updating customer data from sent from external systems.
* Designed the UML, created class, sequential diagrams using Borland Together Architecture, modified code, configured **WebLogic server** and project in Oracle.
* Adept in developing applications using **Oracle, MySQL, DB2 SQL Server**.
* Extensive exposure in writing **SQL, Functions, Procedures & Triggers** using major Relational Databases.
* Experience in using Version Control using **GIT**, **BitBucket**, **SVN** and **Maven**, **Jenkins** used for the automatic build process.
* Experience in working with **EC2Container** Service plug-in in **Jenkins** which automates the Jenkins master-slave configuration by creating temporary slaves.
* Expertise in utilizing **Docker** and **Kubernetes** to create efficient and scalable containerized applications.
* Implemented **Docker containerization** to improve the development workflow and deployment process for a microservices-based e-commerce platform.
* Utilized **Kubernetes** to orchestrate and manage the containers in a production environment.
* Experience in using **AWS** (Amazon Web Services) for hosting the client applications. Used **AWS** to transform the hosted applications to cloud applications.
* Good experience on working with **Amazon Web Services like EC2, S3, Amazon Simple**DB , Amazon RDS , Amazon Elastic Load Balancing, Amazon SQS , AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon Cloud Front.
* Prepared Test Cases to perform Unit, Integration and System Testing. Tested the developed components using **Junit.**
* Utilized Java scripts and performed functionality testing during the various phases of the application development using Selenium IDE.
* Extensively used **Postman** for testing REST webservices.
* Extensively worked on **Apache Kafka.**
* Utilized Apache Log 4J logging API to errors and messages.
* Experience in various **Agile** Methodologies like **Test Driven Development**, **SCRUM**.
* Experienced in deploying applications on **Apache Tomcat, IBM WebSphere**.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | Java, C, C++. |
| **J2EE Technologies** | Java, J2EE, JDBC, Servlets, JSP, JMS, Java Beans, JSF, Struts, Spring, Hibernate, JPA , Web Services (JAX-RS,SOAP, REST, and RESTFUL). |
| **Web Technologies** | ReactJS, Bootstrap, HTML5, JavaScript, jQuery, Angular, AJAX, CSS3, XML, DOM, JSON. |
| **Frameworks**  | JEE, Spring Web MVC, JSF, Spring Framework. |
| **Databases** | PostgreSQL, Oracle, MySQL, SQL Server. |
| **Application/Web Servers** | Apache Tomcat, WebSphere, WebLogic. |
| **Web Services**  | SOAP, Restful, REST API, log4j |
| **Built Tool** | Maven, Jenkins. |
| **IDEs** | Apache Tomcat, Eclipse, Net Beans, IntelliJ. |
| **Cloud Technologies, DevOps Tools** | AWS, Open-Shift , Docker, Kubernetes. |
| **Version Control Systems** | SVN, GIT, Bitbucket, Maven |

# PROFESSIONAL EXPERIENCE:

**Client:- Credit Suisse, Cary, NC**

**Role: Java Full stack Developer**

**Jan 2022 – Till now**

**Responsibilities:**

* Involved in daily scrum meetings, worked on the sprint tasks in the **Agile Scrum development**.
* Experienced in creating reusable and maintainable components, implementing state management and data flow, handling routing and access control, and utilizing hooks and functional components in **ReactJS** to build efficient and dynamic user interfaces.
* Create, edit, and maintain sites implementing responsive design themes using **front end development frameworks including Bootstrap**.
* Developed a single-page web application using **ReactJS**, **Redux** and **Webpack**, which improved the user experience and performance by dynamically updating the components of the application.
* Expertise in creating dynamic and responsive web pages using technologies such as **HTML, CSS, JavaScript, jQuery, Ajax, react**, and **Bootstrap**, ensuring cross-browser compatibility and adherence to web accessibility standards.
* Proficient in utilizing scripting languages such as **Node.js**, and **TypeScript** to enhance the interactivity and functionality of web pages.
* Implemented **SQL MVC** in the development of new modules based on requirements.
* Implemented **Java EE components** using **Spring MVC, Spring IOC, spring transactions and spring security modules**.
* Implemented the application modules using **Spring Boot, Spring Core, Spring Security, Spring AOP, Spring MVC, Spring JDBC, Spring Batch** to develop the application.
* Extensively used **Node.js tools like Gulp, Grunt, Developed internal CLI applications** for application build.
* Developed **Data access objects** using **DAO pattern, JDBC, Spring, Hibernate**.
* Developed **web pages** by using **Spring MVC and JSP pages**.
* Worked **Core Java** to build new functionality and implemented New Interface for Previously Ordered Page, Cart Page.
* Converted a monolithic app to microservices architecture using spring boot, wrote manifest file for various **Microservices in PCF**.
* Experienced first-hand practices for **integrating microservices** into an existing system architecture.
* Utilized microservices and decoupled architectures for building **RESTful APIs**.
* Developed **API** to display currency checker on **UI**.
* Strong understanding of databases including **Oracle, MySQL, SQL Server, NoSQL**, and **MongoDB**, with experience in managing tables, views, indexes, sequences, stored procedures, functions, triggers, and packages.
* Wrote**SQL Queries, PL/SQL** stored procedures, triggers, and packages on **Oracle database**.
* Deployment of **company’s internal CI system**, providing a comprehensive **API for CI/CD**.
* Setup the **(CI) and (CD)** process for the application using the **Jenkins**.
* Develop, Maintain, and support **CI framework** based on **Jenkins**.
* Involved in providing Demo to customers on product **(CI/CD pipeline)** and its features.
* Have built **Docker images and written Docker files** which can be used to automate all developer tasks.
* Expertise in Cloudera distributions and utilizing AWS services such as **S3, Redshift, Lambda, EC2**, and **EMR.**
* Experience working on **Docker hub**, creating Docker images, and handling multiple images primarily for middleware installations and domain configuration.
* Worked on **JMS service** for a multicasting the data among various systems.
* Have knowledge on partition of **Kafka messages** and setting up the replication factors in **Kafka Cluster**.
* Responsible for getting business approvals for testing deliverables.
* Behavioral and integration testing is done using **Cucumber** and **Selenium** respectively.
* Developed **JUnit test cases** for all the developed modules.
* Worked on **Maven** for project dependency management and **Log4j** for logging.
* Implemented **Git** as version control for the entire software development life cycle (**SDLC**).
* Performed **Test Driven Development (TTD)** tools like and Cucumber for Java Automation.
* Hands-On experience with **JIRA** an issue and project management tracking tool.

**Environment:** HTML5, CSS3, Bootstrap, ReactJS, Node JS, JDBC, Spring boot, Spring, Hibernate, RESTful API, REST, GitHub, SQL, PL/SQL, Log4j, JIRA, Maven, Selenium ORACLE, JUint, Apache Kafka, AWS services, Jenkins, Mongo DB.

**Client : BYJU’S, HYDERABAD INDIA**

**Role: Java Full stack Developer**

**Oct 2019 – Dec 2021**

**Responsibilities:**

* Responsible to enhance the UI using **HTML, Java Script, XML, JSP, CSS, Angular** as per the requirements and providing the client side using **jQuery** validations.
* Wrote Single Page Web Applications using **RESTFUL** **web services, Ajax, Bootstrap, Angular,**
* Created custom directives in **Angular**  for **DOM** manipulation and services for common functionalities shared by different controllers.
* Implemented Module in **Angular**  to group components, directives, pipes, and services that are related.
* Developed **Bootstrap** responsive web application pages using Angular services.
* Utilized Multithreading in programming to improve overall performance using Singleton design pattern in **Hibernate** Utility class.
* Used Jackson library to parse **JSON** response from Rest web service to java objects.
* Implemented call back methods to handle JSON responses using **jQuery** get JSON methods and JSON parsers. AFTER BE
* Worked on Spring Core Annotations for Dependency Injection and used Apache Camel to integrate **Spring framework**.
* Responsible to write the different service classes and utility API, which will be used across the framework.
* Expert in Core Java with strong understanding of **Garbage Collector**, **Collections**, **Multithreading, Event handling, Exception handling** and **Generics.**
* Proficient in core java concepts like Collection Framework, Multi-threading, Generics, **Annotations, Serialization, Thread pools, JavaBeans, Externalization.**
* Good knowledge on **Kafka** for streaming real-time feeds from external rest applications to Kafka topics.
* Use of OOPs concepts along with other concepts such as **multithreading, inheritance, abstraction** etc. are used in the development of the project.
* Developed REST controllers using **Spring Data REST** to serve the UI with required **JSON** data.
* Developed REST exception handling controller advice to respond to bad requests and server-side exceptions.
* Implemented complete annotation driven approach to develop the application using **Spring Boot** and was also involved in setting up the **Spring bean profiling.**
* Designed and developed the service business process and data access to Oracle database and back-end layers with **JAXB, JMS** and **XML**.
* Created various MongoDB collections and wrote services to store and retrieve user data from for the application on devices and used **Mongoose API** to access the **MongoDB**.
* Made the integration of data in several applications in favor JSON documents with dynamic schemas using **MongoDB (NOSQL)** database.
* Utilized Java API to load the data into **Cassandra Clusters**.
* Developed ORM mappings using **Hibernate** annotations and established data integrity among all tables sitting on **Oracle** Database.
* Involved in deploying systems on **Amazon Web Services (AWS)** Infrastructure services **EC2, S3, SQS, SNS, RDS and LAMBDA & Cloud Formation.**
* Performed queuing services for the cloud data processing for certain tasks like file upload, data processing, notice to the On-Premises application using the **AWS service SQS (AWS Queuing System).**
* Implemented **SOAP** **UI** for testing the Web services by sending a SOAP request.
* Created customized **AMIs** based on already existing **AWS EC2** instances by using create image functionality, hence using this snapshot for disaster recovery.
* Utilized **GIT** as version control system, to keep track of all the work & all changes, allowing several developers to collaborate and used **Maven** as build and configuration tool and **Jenkins** for continuous integration tool.
* Developed unit test cases using **Jasmine** and **Karma** and performed end to end testing using **Protractor.**
* Involved in configuration and usage of Apache **Log4J** for logging and debugging purposes. Used RAD as IDE tool to develop the application.
* Experience in Integrating **Apache Kafka** with and created Kafka. pipelines for real time processing. Knowledge about unifying data platforms using Kafka
* Utilized Veracode for application security scanning and remediated the flaws that were identified in the code.
* Utilized **REST** Client and **POSTMAN** to test the rest-based services and used **Junit** and **Mockito** to test the middleware services. Created API automation test scripts using Postman API and Java Script.
* Implemented trouble shooting and resolution for production problems and abends using system design process.
* Experience with unit testing using **Junit** and knowledge of **ANT** and **Log4j** tools. Used **AXIOS** for HTTP requests and attached Bearer token for secure usage of API.
* Worked in all areas of **Jenkins** setting up CI for new branches, build automation plugin management and securing Jenkins and setting up master/slave configurations and renewing the certificates.

**Environment:** Java, HTML5, XML, JSP, CSS3, JavaScript, Angular, Bootstrap4, Micro Services, Hibernate, Spring, Spring MVC, Spring Boot, Spring Security, Spring DATA, Spring batch, RESTful, Soap UI, API, AWS, POSTMAN, Mongo DB, AJAX, Log4J, JUnit, Maven, GIT, MySQL, JIRA, jQuery, Jenkins, Mockito, Apache Kafka, Jasmine, Karma.

**Client: Meesho , HYDERABAD INDIA**

**Role: Java Full Stack Developer**

**July 2018 – Sep 2019**

**Responsibilities:**

* Designed and developed GUI screens for user interfaces using **JSP, JavaScript, XSLT, AJAX, XML, HTML5, CSS3, Bootstrap, jQuery and DHTML.**
* Using **Struts** in presentation tier and used **Spring Core/IOC** to wire/inject the object dependencies.
* Used **jQuery framework** for creating front end applications and for Client-Side validations.
* Used **ReactJS** components, Forms, Events, Keys, Router, Animations and Flux concept.
* Building stable **react** components and stand-alone functions to be added to any future pages.
* Developed the Drag and Drop functionality using **React**-Draggable.
* Used **React**-Autocomplete for creating Google map’s location search on the webpage.
* Involved in 24x7 support, Maintenance, and enhancement of the application.
* Extensively involved in coding with **Core Java** concepts like **Collections, Exception Handling, Multithreading**, **Java I/O**, and **Generics** to implement some business logic.
* Used Core, Context, and Security, Bean modules of Spring Framework.
* Implemented **MVC, Singleton, Factory, DAO, Value Object, session, Facade, Data Access Object, Business Object paradigm.**
* Handling orchestration service and **rule engine** which is implemented in **NodeJS**.
* Used **iBATIS** for designing, developing and maintain the data layer.
* Created Stored Procedures, SQL Statements and triggers for the effective retrieval and storage of data into database.
* Application developed on **Agile methodologies** scrum and iterative method process.
* Used **Apache Log4J** logging API to log errors and messages.
* Created **Junit** test suite to automate the testing of the business logic.
* Used **React**-Router to turn application into Single Page Application.
* JPA and Spring Rest to provide a Restful Interface based on **Spring Boot** application.
* Developed a **HTTPS** server and implemented features to serve different file types (TLS)
* Automate the web application using **Selenium**-Automation tools.
* Generated the Class diagrams, Sequence diagrams extensively for all the process flows using RAD, MS VISIO.
* Responsible for gathering and understanding the system requirements by interacting with clients.

**Environment:** JDK 1.7, Spring framework, XML, HTML, JSP, ReactJS, Hibernate, ANT, JavaScript, VSS, XSLT, CSS, AJAX, JMS, Spring Boot, Hibernate, SOAP, Web Services, AWS, Web Sphere Application Server, Tomcat, Oracle DB, MQ Series, JUnit, UNIX.

**Client: Corporation Bank, HYDERABAD INDIA**

**Role: Java Developer**

**Jan 2017 – June 2018**

**Responsibilities:**

* Developed a web-based application with **React JS, Spring MVC and Hibernate Framework, SQL-Server**.
* Good experience in creating Custom Reusable **React Components Library**.
* Used **React JS** for **templating** for faster compilation and developing reusable**components**.
* Implemented data binding using **Node.js** for front-end development of a current web application.
* React components are used to create the reusable components in the applications and used the props for the single directional flow and used the Class components.
* Designed responsive UI pages using **HTML5, CSS, JavaScript,** and **react-bootstrap.**
* Using Angular created custom directives for data manipulations and to display data in company standard format in UI.
* Implemented Angular services to connect the web application to back-end APIs.
* Made used of **Java 8** features like the lambda expressions, functional interfaces, and parallel systems.
* In charge of actualizing the business necessities utilizing **Spring Data** and **Spring Security.**
* Implemented Batch employments utilizing Spring Batch made different thing peruses, thing essayists and thing processors.
* Utilized **Maven** as fabricate computerization apparatus for sending the venture on **Tomcat** Application Server.
* Involved in designing and developing the **RESTful** web service with the help of JAX-RS and Spring framework along with Spring boot to fetch the JSON data objects from the API’s and respond to the request given by the service.
* Implemented the Micro Service architecture for subdividing the process into small process and independent.
* Integrated Third party API integrations like Payment API CRMS and Others
* Worked extensively with **PCF** for app deployments, logging, app scaling using auto scaler and restaging.
* Actively used the defect tracking tool **JIRA** to create and track the defects during QA phase of the project.
* Built **NoSQL** schemas and maintaining sessions by **MongoDB**.
* Written SQL Queries and stored procedures to interact with **Oracle DB.**
* Designed and coded application components in an Agile environment utilizing a Test-Driven Development (TDD) approach.
* Used **GitHub** to keep up the form of the documents and assumed the liability to do the code converges from branch to trunk and making new branch when new element execution begins.
* Implemented the lazy loading to decrease the initial payload of the application in the browser.
* Total project was in the Agile Methodology and Scrum handles the arranging the diverse cycles of venture.

**Environment:** Java, HTML, JavaScript, React, Node.js Micro Services, Spring, Spring MVC, Spring Boot, Spring Security, Spring Data, Spring batch, Hibernate, SOAP, RESTful, PCF, Mongo DB, Oracle DB, PCF, JUnit, Maven, Apache Tomcat, GitHub, GIT, JIRA, STS.

**Client: Ola, Hyderabad, India**

**Role: Java Developer**

**May 2015 – Dec 2016**

**Responsibilities:**

* Worked on **Agile Methodology** and built the application using **Test Driven Development** approach.
* Involved in Design, Development, and Implementation of front-end part of the web application using HTML5, CSS3, JavaScript, AJAX, JSON, Angular and Bootstrap.
* Designed and developed **JSP Pages** using **Struts2 Framework**.
* Implemented front end validations through **Javax Validation API.**
* Re-designed the UI pages by using **Angular JSdatabinding** and **directives**.
* Worked simultaneously in both production and development teams Developed and design the prototype of web page by using the **HTML5, CSS3, Bootstrap, JavaScript, and Angular.**
* Worked with UI team and utilized **Fusion Charts** as the visualization tool for showcasing and pictorializing the loan amounts on a bar graphs.
* Developed the project using the **Dynamic Web Module** by implementing **Struts MVC** framework.
* Designed **Automatic Dependency Injection** using JSP use bean tags by integrating with **struts.**
* Configured **Oracle 10g DB** database schema and binding are done using **Spring Data JPA.**
* Implemented Business Delegate, Design, Facade, Service locator, Singleton, Factory method, Template method, Observer, Data Access Objects, Transfer Objects **JEE design patterns**.
* Used **DROOLS** engine as java runtime rule engine to validate business rule before executing in runtime.
* Build **RESTful** services and consumed **SOAP APIs** to fetch data from external APIs.
* Created charts, visualizations using **Tableau.**
* Deployed the project on **AWS EC2 Ubuntu** instance and collaborated with the DevOps team.
* Worked in a Test-driven development and used **Bugzilla** for tracking issues in project
* Worked in an **Agile environment** from daily scrum meetings to **reviews, sprint retrospective meetings.**
* Developed Unit test cases using **JUnit, Mockito** and **Easy mock**.  Oversaw all aspects of testing JUnit, FIT, and SIT, End to End, Regression, User acceptance and Performance.
* Utilized **Git** Version Control system and **GitLab CI** for the CI/CD.
* Created functional specifications and configuration documents based on user requirements.
* Created Class diagrams, Sequence diagrams, use case diagrams and activity diagrams based on the functional requirement document.

**Environment:** Java, J2EE, Spring Framework, Spring Data JPA, Struts, Javax, HTML5, CSS, AJAX, JavaScript, Angular, Oracle 10g, Apache Tomcat, GitHub, Maven, GitLab CI, Tableau, AWS – Elastic Beanstalk, EC2, IAM, S3