**Suneetha Venkataramudu**

**CERTIFIED GCP Lead Java Developer**

## **Professional Summary**

* Experienced **Java/Java EE /J2EE** **developer** with over 17+ years of comprehensive expertise in the full **Software Development Life Cycle (SDLC)**, **Object-Oriented Programming (OOP)**, and rigorous testing of both web and enterprise applications.
* Proficient in Agile methodologies, particularly adept at Test Driven Development and Pair Programming.
* Expertise in J2EE technologies like **Servlets, and JSP**.
* I have experience in implementing **Struts, Spring, Spring Boot, Microservices, NGRx, Hibernate, and Mule ESB** frameworks.
* Experience in configuring and deploying Web/Enterprise Java Applications using **WebSphere, Tomcat, and WebLogic**.
* Experience with **AWS and GCP** public cloud platforms.
* Collected requirements, created epics, stories and tasks in **Jira**, groomed the backlog and planned epics to be delivered in Sprints.
* Spearheaded the **SDLC,** from requirement gathering to deployment, adhering to **Agile/TDD.** Actively engaged in **Scrum, code reviews, sprint planning,** and **retrospectives** to ensure project alignment and efficiency.
* Designed & implemented the backend as microservice using **Java 8** & **Spring boot,** deployed in a container via **Jenkins** job.
* Deployed **Microservices** on **Kubernetes**, enhancing application architecture scalability and resilience.
* Integrated **Maven** with **Jenkins, GitHub Actions** for automated build and deployment, ensuring consistency and reliability in software delivery.
* Developed Junit test cases to validate the code at each commit and enabled code coverage in **SonarQube**.
* Utilized **Jenkins CI/CD pipelines** for seamless app building and deployment to **Docker** registry and **Kubernetes**.
* Managed software versions and releases using **Maven**, mitigating conflicts for smooth deployment.
* Proficiently managed source code with **Git,** ensuring version control and team collaboration.
* Executed **SQL/NoSQL** database scripts for inserting and updating database entries, ensuring data integrity, and enhancing database maintainability through document maintenance and structuring.
* Developed a **MongoDB**-based database and **RESTful web service** for scalable storage of high-volume user profile data, ensuring robustness and scalability in handling large datasets.
* Designed and developed event driven **Microservices** using **Spring Security, Spring Boot** and **Kafka** for critical applications.
* Developed Java code to connect to the **GCP** storage and **AWS S3** buckets to upload and download files and exposed them as a **REST API**.
* Developed Java code to connect to the outlook email server and upload email messages to **GCP** storage and **AWS S3** and exposed as a **REST API**.
* Led the offshore team, assigned tasks, assisted with debugging/troubleshooting, code reviews and deployments.
* Pushed the code to dev, stage and production environments.
* Collaboration/coordination with cross-functional teams to deliver features on-time.

## **Skills & Abilities**

Domain: **Banking & Financial Services, E-governance, Supply Chain Management**

Programming/

Scripting Languages: **Java, JavaScript**

Message Queues: **Kafka, RabbitMQ, ActiveMQ**

J2EE Technologies: **Servlets, JSP**

Frameworks: **Struts, Spring Core, Spring MVC, DropWizard, Spring Batch, Mule ESB, Spring boot, ReactJS, AngularJS, NodeJS, SonarQube, JUnit, Code coverage**

Architecture & Design: **Sequence diagrams, Microservices, Multi-tenancy, IAM service, multi-factor authentication, JBPMN & flowable workflow engine, RBAC, audit, Kafka message queue, log monitoring**

Database Connectivity: **JDBC, Hibernate,**

IDEs/Tools: **Eclipse, IntelliJ, Spring Tool Suite, Toad, Putty, WinSCP**

Web Service: **REST API, Microservices**

Web/App Servers: **Tomcat 6.0, JBoss 3.2, WebSphere 6.0, WebLogic 8.1, Wildfly9.1.1**

Database/RDBMS: **Oracle9i, MySQL, PL/SQL, Oracle10g client, Mongo DB**

Public Cloud: **AWS S3, GCP Kubernetes**

SDLC models: **Agile, Waterfall**

Source Code tools: **GIT, Bit Bucket, SVN**

Build tools for CI/CD: **Jenkins, Maven, Gradle**

Containerization: **Docker, Kubernetes**

Engineering tools: **Jira, Confluence**

Operating Systems: **Windows 2000/2003/XP/NT, Linux**

Packages: **MS-Office**

## **Education**

* **Master of Computer Applications (MCA)** from Bangalore University, India
* **Bachelor of Science** from Bangalore University, India.

## **Licenses & Certification**

* Sun Certified Java programming.
* Google Cloud Platform certification
* Agile methodologies training
* Mule ESB training
* Pivotal cloud foundry training

## **Professional Experience:**

**Cisco, CA**   **Apr 2023– Till Date**

**Lead Java Developer**

**Project: Trade and Logistics**

Doc Gen is a centralized source for Cisco global shipping documentation hosted by Cisco’s GTM-D system. The documents that can be accessed by a general user are limited to customers facing commercial invoices, packing lists and shipper’s letters of instruction.

The GTM-BV platform is used for processing and validating broker data as per 1st,2nd and 3rd level validation and will be stored in final tables. Once the order is booked in the boundary system and sent to GTM for trade and compliance screening. Once the screening is completed the response is sent back to the boundary system. Once the order is shipped or pick released, the boundary system sends the shipment details to their designated costumes broker in the form 3B18 message or Shipper’s letter of instructions or commercial Invoice.

**Accomplishments**

* Collected requirements, created epics, stories and tasks in **Jira**, groomed the backlog and planned epics to be delivered in Sprints.
* Spearheaded the **SDLC,** from requirement gathering to deployment, adhering to **Agile/TDD.** Actively engaged in **Scrum, code reviews, sprint planning,** and **retrospectives** to ensure project alignment and efficiency.
* Designed & implemented the web application features using **AngularJS** for users to search, view, edit and download documents based on the delivery id and/or order number.
* Implemented the logic in the UI to invoke backend APIs to fetch documents.
* Designed & implemented the backend as microservice using **Java 8** & **Spring boot,** deployed in a container via **Jenkins** job.
* Deployed **Microservices** on **Kubernetes**, enhancing application architecture scalability and resilience.
* Integrated **Maven** with **Jenkins, GitHub Actions** for automated build and deployment, ensuring consistency and reliability in software delivery.
* Designed, implemented and exposed an API for third parties to request documents, processed API requests from third parties, generated documents, uploaded to **GCP storage** and inserted into **mongo db**.
* Extensively utilized **GCP storage.**
* **Ping ID** to **Okta** migration for user authentication and authorization for GTM-BV application.
* Developed Junit test cases to validate the code at each commit and enabled code coverage in **SonarQube**.
* Utilized **Jenkins CI/CD pipelines** for seamless app building and deployment to **Docker** registry and **Kubernetes**.
* Managed software versions and releases using **Maven**, mitigating conflicts for smooth deployment.
* Proficiently managed source code with **Git,** ensuring version control and team collaboration.
* Executed **MongoDB** scripts for inserting and updating **NoSQL database** entries, ensuring data integrity, and enhancing database maintainability through document maintenance and structuring.
* Implemented index optimization in **MongoDB** to maximize storage efficiency and enhance overall database performance, ensuring optimal operation under high workload conditions.
* Developed a **MongoDB**-based database and **RESTful web service** for scalable storage of high-volume user profile data, ensuring robustness and scalability in handling large datasets.
* Designed and developed event driven **Microservices** using **Spring Boot** and **Kafka** for critical applications.
* Led the offshore team, assigned tasks, assisted with debugging/troubleshooting, code reviews and deployments.
* Pushed the code to dev, stage and production environments.
* Collaboration/coordination with cross-functional teams to deliver features on-time.

**Environment: Java 8, J2EE, Spring boot 3.1.1, Microservices, Mongo DB. REST API, oracle, GIT, Bitbucket, Jira, GCP, angular 8, Maven, Kafka,**

**California Department of Technology, CA**  **Oct 2022– Mar 2023**

**Software Developer**

**Project: ROCON PaaS**

ROCON PaaS is a software as a service, for Container platform and WordPress in public cloud. This product simplifies the workflows to provision the underline infrastructure in the cloud and auto build the Java, Dot Net and WordPress deployment pipelines and management interfaces, tools and technologies for managed WordPress, it also provides the tools needs for analytics and intelligence for management decision making.

**Accomplishments**

* Gathered and analyzed requirements for various features.
* Collected requirements, created epics, stories and tasks in **Jira**, groomed the backlog and planned epics to be delivered in Sprints.
* Spearheaded the **SDLC,** from requirement gathering to deployment, adhering to **Agile/TDD.** Actively engaged in **Scrum, code reviews, sprint planning,** and **retrospectives** to ensure project alignment and efficiency.
* Created test cases and program specifications.
* Developed the code using **Java 8**, **Spring boot**, **Microservices**, **REST API, AWS**
* Integrated **Maven** with **Jenkins, GitHub Actions** for automated build and deployment, ensuring consistency and reliability in software delivery.
* Designed, implemented and exposed an API for third parties to request documents, processed API requests from third parties, generated documents, uploaded to **AWS S3** and inserted into **mongo db**.
* Extensively utilized **AWS** services like S**3.**
* Conducted code reviews, testing, and fixing bugs.

**Environment: Java 8, J2EE, Spring boot 3.1.1, Microservices, Mongo DB, REST API, GIT, Jira, AWS S3**

### **Cognizant Aug 2021– Mar 2022**

### **Client: Verizon**

### **Lead Software Development Engineer**

**Accomplishments:**

* Gathered and analyzed requirements for various features.
* Created test cases and program specifications.

### **Wipro, India Mar 2016 –Aug 2021**

### **Lead Software Development Engineer**

### **Project: BASENXT**

The Business Accelerator Service focuses on building software IP, enables, and expedites the implementation of WBPO's outsourcing relationship management and process transformation offerings.

**Accomplishments**

* Led a 5-member team in terms of assigning tasks, and technical guidance, helping them with code implementation, code reviews, and hand-off to the QA team for testing.
* Collected requirements from the Product Management team, understood requirements and created architecture/design documents.
* Developed Java code to connect to the **GCP** storage and **AWS S3** buckets to upload and download files and exposed them as a **REST API**.
* Developed Java code to connect to the outlook email server and upload email messages to **GCP** storage and **AWS S3** and exposed as a REST API.
* Created a **JBPM-based** backend task for the backup and recovery of email messages.
* Implemented a JBPM-based backend task to read client-uploaded files from the GCP storage, process them and send the response to the UI.
* Implemented code to save JBPM task metadata in **MongoDB**.
* Developed the code to generate a **JWT** token for authentication and authorization to an email server using **Graph API**.
* Developed the code to publish data in the form of messages to the **Kafka** topic.
* Created builds and deployed the code as a microservice from **Jenkins**.
* Developed **JUnit** tests to verify the code.
* Released code to production by working with the DevOps team.
* Code fixes for production issues and bugs submitted by the QA team.
* Worked closely with the Support team on tracking issues, analysis, and finding the root cause.
* Worked with the Product team on product code issues.

**Environment: Java 8, J2EE, Spring boot 2.5.4, Microservices, Mongo DB, Kafka, GCP, Apache Camel, Spring core, Hibernate, Mule ESB, ActiveMQ, Ant, SOAP, Wildfly9.1.1, AWS**

### **HCL Technologies, India** **Mar 2011 – Feb 2016**

### **Client: Government of India**

### **Senior Developer**

### **Project: UIDAI (Aadhaar)**

UIDAI has been created by the government of India as an attached office under the planning commission. Aadhaar is a 12-digit unique number that UIDAI will issue for all the residents of INDIA and stored in a centralized DB.

#### **Accomplishments:**

* Requirements analysis for various modules such as Enrollment, Client integration, and FNIR report generation.
* Developed the Spring Core code for creating beans, integration of spring with hibernate, and mule framework with RabbitMQ for sending a message from one queue to another queue.
* Developed the code to integrate **RESTful web service** with the **spring** framework by using **JAX-RS** and Jersy.
* Developed code in **Spring Batch** to fetch the bulk data from the **MySQL** database.
* Developed test cases, program specifications, LLD, release notes, and installation instructions.
* Developed the code, conducted code reviews, testing, and bug fixing.
* Conducted User Acceptance tests and worked with clients to resolve issues.

**Environment: Java 7, J2EE, Spring Core, Spring Batch, Hibernate, Mule ESB, RabbitMQ, REST API**

### **Client: Wealth Management (Standard Charted bank)**

**Developer**

**Project: System for Processing Equity and EMI-related Data (SPEED)**

SPEED is an advanced integrated software retail and private banking businesses use for credit and risk management.

#### **Accomplishments**

* Gathered and analyzed requirements for various features.
* Created test cases and program specifications.
* Developed the code using **Java, Struts framework, and Oracle** database.
* Conducted code reviews, testing, and fixing bugs.
* Conducted User Acceptance tests and worked with clients to resolve issues.

**Environment: Java 7, J2EE, JavaScript, Struts 1.2, Oracle 10g client, Tomcat 5.5**

### **Polaris Consulting & Services Ltd, India** **Jul 2010 – Mar 2011**

#### **Client: Global Financial Messaging (GFM), UK, Citibank**

#### **Developer**

#### **Project: COB Switchover Recovery**

#### The CITISWITCH handles messages with high traffic across heterogeneous systems with different protocols. When there is a failure in the CITISWITCH application (When the CITISWITCH server is completely down), the applications that interact with CITISWITCH will be unable to communicate the messages. However, there might be a loss of messages that are in-process within CITISWITCH during server down.

#### **Accomplishments**

* Requirements analysis for a new function to SAM that facilitates the recovery of the financial messages from the S-MERLIN database based on the filter criteria provided by the users.
* Created test cases and program specifications.
* Development of code in **Java, JSP, EJB, Structs, and Oracle** database.
* Conducted code reviews, testing, and fixing bugs.
* Conducted User Acceptance tests and worked with clients to resolve issues.

**Environment: Java 5, JSP, EJB, Struts, Oracle, WebSphere 6.0**

### **IBizSoft Inc, India** **Apr 2009 – Jun 2010**

#### **Client: Touch Golf**

#### **Developer**

**Project: Website Development**

Developed a website for the Golf Training Center. The features include Member registration, member management, Training, Content management, and administrative desks, a photo gallery, etc.

#### **Accomplishments**

* Gathered and analyzed requirements for various features.
* Created test cases and program specifications.
* Developed code in **Java**, and **MySQL** and conducted code reviews, testing, and fixing bugs.
* Conducted User Acceptance tests and worked with clients to resolve issues.

**Environment: Java 5, MySQL, JBoss3.2, Windows XP**

### **Client: JDENT**

### **Developer**

**Project: Online Quote Management System**

Developed an Online Quote generating and Managing Software for renting out Medical Equipment, billing the rentals to the customer, and maintaining the equipment database.

#### **Accomplishments**

* Gathered and analyzed requirements for various features.
* Created test cases and program specifications.
* Developed code in **Java**, and **MySQL** and conducted code reviews, testing, and fixing bugs.
* Conducted User Acceptance tests and worked with clients to resolve issues.

**Environment: Java 5, MySQL, JBoss3.2, Windows XP**

### **Total ERP Solutions Pvt Ltd, India.** **Feb 2005 – Nov 2007**

### **Client: Law Nexis**

### **Developer**

**Project: Online Service Provider**

The customers may arise with many problems, which cannot be solved at the same time with full support by the business. The main aim of the business is Customer satisfaction. This system helps customers to give their problems online whenever the customer needs them, without any constraints implied on them. This system helps the customers to briefly explain their complaints without any hesitation. Through this system, the customers are assisted with some predefined complaints and immediate solutions, which saves precious time for the customers. The customers receive the solutions for their complaints within a day and can also view the complaint's status at any time using complaint no. Through this system, the customers receive a brief solution for their complaints.

#### **Accomplishments**

* Requirements analysis for various features.
* Created test cases, and program specifications.
* Development of code, code reviews, testing, and bug fixing

**Environment: PHP, Weblogic8.1, MySQL, Windows XP**

### **Client: Bekins, Dubai.**

### **Developer**

**Project: Information Management System**

The IMS is a general name for the academic discipline covering the application of people, technologies, and procedures—collectively, the information system—to business problems. This is a software tool to automate various activities in a training center. These activities include an inquiry for a particular course, registration details, student information, receipt details, schedule details, and online examination. It also has a target planner, attendance of employees, and performance reports of employees.

#### **Accomplishments**

* Requirements analysis for various features.
* Created test cases, and program specifications.
* Development of code, code reviews, testing, and bug fixing

**Environment: PHP, MySQL, Weblogic8.1, Windows XP**

### **Client: GPA**

### **Developer**

**Project: Enterprise Resource planning**

The ERP automates the tasks necessary to perform a business process—such as order fulfillment, which involves taking an order from a customer, shipping it, and billing for it. With ERP, when a customer service representative takes an order, he or she has all the necessary information—the customer's credit rating and order history, the company's inventory levels, and the shipping dock's trucking schedule. Everyone else in the company can view the same information and has access to the single database that holds the order. When one department finishes with the order, it is automatically routed via the ERP system to the next department. To find out where the order is at any point, one need only log in to the system.

#### **Accomplishments**

* Requirements analysis for various features.
* Designed and made a major contribution to the development of POI & POA modules.
* Took major responsibility for fixing bugs and making enhancements.

**Environment: PHP, Tomcat 5.0, MySQL, Windows XP**