

# Lavanya

## Senior Solutions Architect, Java Engineer

### SUMMARY

- Around 10 years of experience handling Web & Enterprise applications in the Telecom, Finance, Banking & eLearning domains. - 4+ years experience as a Solution Architect - 7+years experience with Java, SpringBoot, Microservices, and AWS - Experience with Kubernetes, Docker - Experience with Rest Api - Experience with MySQL, PostgreSQL, SQL - Expertise in Kafka, RabbitMQ - Cohesive team worker, having strong analytical, problem-solving skills. - Actively upskilling myself & working on innovative ideas. - Upper-Intermediate English

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Java, Kafka, Kubernetes, Spring Boot, SQL
<b>Programming Languages</b>	Java, Python
<b>Scala Frameworks</b>	Akka
<b>Scala Libraries and Tools</b>	Akka
<b>JavaScript Frameworks</b>	Angular, NestJS, Node.js, React
<b>Java Libraries and Tools</b>	Apache Camel, Java Open Service Broker, JSON, Spring Data
<b>Python Frameworks</b>	Flask
<b>Java Frameworks</b>	Hibernate, Spring Boot
<b>Data Analysis and Visualization Technologies</b>	Kibana
<b>Databases &amp; Management Systems / ORM</b>	Hibernate, MySQL, PostgreSQL, Sequelize, SQL, Typeorm
<b>UI Frameworks, Libraries, and Browsers</b>	XML, XSLT
<b>Cloud Platforms, Services &amp; Computing</b>	AWS
<b>Methodologies, Paradigms and Patterns</b>	Agile, microservices architecture, Monolithic, SaaS, SOAP
<b>Collaboration, Task &amp; Issue Tracking</b>	Atlassian Confluence, Jira
<b>Virtualization, Containers and Orchestration</b>	Docker, Kubernetes

<b>Version Control</b>	GitHub, SVN
<b>Deployment, CI/CD &amp; Administration</b>	Jenkins
<b>QA, Test Automation, Security</b>	Jest, JUnit, Mocha, Mockito
<b>Message/Queue/Task Brokers</b>	Kafka, RabbitMQ
<b>SDK / API and Integrations</b>	RESTful API
<b>Logging and Monitoring</b>	Splunk

## PROJECTS

### Software Engineer, Telecommunication process management

Aug 2013 to Feb 2016

#### Responsibilities:

- Gathering requirements, project estimation, and writing design documents using UML Use cases and Activity diagrams.
- Working with the clients on regular basis. Being in meetings in tool selections and design documentation.
- Working in an enterprise level environment practicing Agile methodology.
- Using Spring MVC framework for the driver portal project. Using Hibernate as a persistence layer. Retrieving the data using Spring Hibernate Dao layer.
- OOMA provides free home phone service once you purchase our device for a one time fee.

**Technologies:** Struts 2, Hibernate 3, MySQL 5.5, SOAP Web Services, Tomcat 8

### Sr. Software Engineer – Java Fullstack(Java & Angular), One Network

Feb 2016 to Sept 2017

Sr. Software Engineer – Java Fullstack(Java & Angular)

#### Responsibilities:

- Implemented complex backend component to get the count in no time against large size database using Java multi-threading.
- Leading teams offshore and onsite following Scrum development process. Designed and developed Single Page Apps (SPA) using Angular.
- Requests code reviews from the Project Manager. Work with other teams to integrate application modules.
- Created dynamic custom web applications featuring. The OneNetwork is a common network module which going to provide LAN, DATA, and voice over IP in a single line fiber to the customer.

**Technologies:** Microservices, Java (backend SpringBoot framework), Angular (Frontend)



## **Sr. Software Engineer – Java Fullstack(Java & Angular), iVAPP (Integrated Verizon Advanced Provisioning Platform)**

Sept 2017 to July 2018

### **Responsibilities:**

- Gathering requirements and performing basic project planning, and writing design documents.
- Providing estimates, overseeing the development, and deploying and monitoring the application in production.
- Practice Scrum and all its ceremonies (planning meetings, demos and retrospective meetings).
- Works closely with product architects to make sure the product/component developments meet the business requirements, fit into our overall product line.
- Creating designs for features and major enhancements.
- Working on issues with RESTful Web services. FTTP provisioning, service activation/ Deactivation is managed through iVAPP. Controls the E2E provisioning flow for FTTP services.

**Technologies:** Microservices, Java (backend SpringBoot framework), Angular (Frontend)

## **Sr. Software Engineer(Lead) – Java Fullstack(Java & Angular), Cameo [Handled both UI and Backend]**

July 2018 to April 2020

### **Responsibilities:**

- Develop Enrollment and Authentication modules. Use Postman to test the RESTful service with JSON request/response Develop solutions using Spring Boot, Amazon Web services (AWS ).
- Implement web application security using OAuth 2.0. Convey architectural solutions to all levels of professionals and leaders.
- Identify, review and provide input on project activities and plans. Verify stability, interoperability, portability, security and scalability of Java system architecture.
- Managing the Optimal & Non-Optimal paths of Circuit for an order.

**Technologies:** Microservices, Java (backend SpringBoot framework), Angular (Frontend)

## **Java/AWS Solution Architect – Java, Nodejs, Python, React & Angular(fullstack), ILT [Handling both UI and Backend]**

April 2020 to March 2022

### **Responsibilities:**

- Develop architecture deliverables required on strategic projects including conceptual architectures, current, future state architectures and transition planning methods.
- Implement solutions focusing on reuse and industry standards with program, enterprise or operational scope.
- Creating & managing the live-course & classroom training.

**Technologies:** Microservices, Node.js (backend Nest js framework), React (Frontend), K8, Docker, RabbitMQ, Kafka, Postgresql



## **Java/AWS Solution Architect – Java, Nodejs, Python, React & Angular(fullstack), Search & Recommendations [Handling both UI and Backend]**

March 2022 to Apr 2023

### **Responsibilities:**

- Understanding business requirements and designing solutions. Develop architecture and design documents based on the design considerations.
- Responsible for providing the relevant assets(courses) to the user query. Provide technical guidance and support development of systems. The search result is based on the Context of the query instead of string matching & boosted based on various aspects like learner history, interest, etc., completely NLP based.

**Technologies:** Microservices, Java, Spring Boot, Node.js, React (Frontend), Elastic Search, K8, Docker, RabbitMQ, Kafka, Postgresql

