

Narasimhulu Madhana

Java Full Stack Developer

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Summary

Highly accomplished and self-motivated Java Backend Developer with over **8+ years of experience** in designing, developing, and optimizing scalable, high-performance systems for web, enterprise, and mobile applications. Proven expertise in building robust microservices architectures, handling large-scale data processing, and delivering high-quality solutions in complex financial domains. Adept at creating High-Level Designs (HLD) and leveraging technologies like **Spring, Spring Boot, Kafka, and Kubernetes** to drive innovation and seamless integration across distributed systems.

Technical Skills

- **Languages:** Java, J2EE
- **Frameworks & Libraries:** Spring, Spring Boot, Hibernate, JPA
- **Databases:** MySQL, Oracle, MongoDB
- **Message Queues:** Kafka
- **System & Cloud:** Docker, Kubernetes, Jenkins, ELK Stack, System Design, Data Structures, AI Agent Development, AWS Architect
- **Frontend:** HTML, CSS, JQuery, Angular6, Ionic, Cordova
- **Methodologies:** Agile, Scrum

Experience

Publicis Sapient | Senior Associate Technology L2 | May 2025 – Present

- **Project: Position Reconciliation Management (Wellington Management):**
 - Developing and maintaining backend services for a new position reconciliation management system.
 - Designing **RESTful APIs** to handle and process **large volumes of financial data** for reconciliation.
 - Collaborating with front-end teams to integrate new features and ensure seamless data flow.
 - **Technologies:** Java, Spring Boot, Microservices, Oracle, AWS Architect.

VISA Inc | Senior Software Engineer | July 2022 – May 2025

- **Project: VCMM (Visa Card Metadata Management):** Contributed to the design and development of an online tool for managing card metadata, accessible via the Visa Online (VOL) portal.
 - Designed and developed multiple **APIs and batch components** to manage card art configuration and terms and conditions for tokenized BINS.
 - Created an **AI agent** to assist new hires with application understanding, mandatory access, and formal request processes, **reducing onboarding time and friction**.
 - Developed a second **AI agent** to function as a production support assistant for clients, addressing common issues and helping to solve problems before escalating to new requests.
 - Mentored junior engineers and led **scrum activities**, improving **team efficiency** and project delivery.
 - **Technologies: Spring, Spring Boot, Java, Hibernate, JPA, ORACLE, Kafka, Ehcache, Splunk, ControlM, Kubernetes.**

Societe Generale | Senior Software Engineer | March 2020 – June 2022

- **Project: ETP (Event Trade Product):** Developed and maintained a **real-time microservices architecture** for processing high-volume trade snapshots from the European financial market.
 - Engineered **robust data pipelines** to handle **high-volume event data**, ensuring timely and compliant regulatory reporting to government bodies.
 - Contributed to both front-end and back-end development, focusing on efficient **API integration** and real-time data processing.
 - **Technologies: Angular, Spring Boot, Java, Hibernate, JPA, MySQL, ELK Stack.**

Digital Harbor | Software Engineer | December 2018 – March 2020

- **Project: Know Your Provider (KYP):** Implemented an electronic solution for reviewing and validating Medicaid provider applications, ensuring eligibility requirements were met.
 - Developed **AI-based decision-making tools** for risk management applications, enhancing the pre-screening and risk analysis of healthcare providers.
 - **Technologies: Angular, Spring Boot, Java, Hibernate, JPA, MySQL, ELK Stack.**

Corp Academia | Full Stack Developer | September 2017 – November 2018

- **Project: Mployer:** Developed a **cross-platform mobile application** for job search automation, pre-recruitment, and skills enhancement.
 - **Technologies:** Ionic, Angular, Spring Boot, Java, Hibernate, JPA, MYSQL.

Certifications

- **AWS Certified Solutions Architect - Associate**

Education

B.Tech, Computer Science and Engineering | JNTUA College of Engineering
Pulivendula | 2016

Other Projects

- **Online Learning Platform:** Developed a platform with **course management**, **interactive quizzes**, and **progress tracking**, enhancing the learning experience for students.
- **Mobile Application for HTCS:** Created an Android application for the recruitment process, streamlining job applications for seekers and job management for HR and administrators.