Kaspa Manikanta Sai

Hyderabad | manikaspa.18@gmail.com | +91 9347669216 | LinkedIn | GitHub | Portfolio

SUMMARY

Java Backend Developer with 3 years of experience building scalable and secure applications using Java 17, Quarkus, Spring Boot, and AWS. Skilled in microservices architecture, REST API development, and modernizing legacy systems for better performance. Hands-on with AWS (Lambda, EC2, S3, SQS, CodePipeline), Docker, and CI/CD pipelines, delivering reliable software in agile environments.

EXPERIENCE

Software Engineer — Xebia (Aug 2022 – Present, Hyderabad)
(Promoted from Engineer Trainee → Associate Software Engineer)
• Modernized legacy Java application to Java 11/17 and migrated it to a Quarkus-based microservices architecture, improving performance, scalability, and deployment speed.
• Designed and built RESTful APIs that support both Angular and React frontends, improving backend–frontend integration.
• Implemented asynchronous communication using Amazon SQS queues to keep databases synchronized and ensure fault tolerance.
• Developed backend services for a mobile application in Java, including modules built without external libraries to improve performance and control.
• Automated data workflows using Python and AWS SDK to fetch, process, and upload data to S3, reducing manual effort and improving data accuracy.
• Containerized services with Docker and built CI/CD pipelines using GitHub Actions and Azure to streamline deployments.

PROJECTS

ResuMatch — AI-Powered Resume Analysis App
Built a web app to compare resumes with job descriptions using Google Gemini API.
Stack: FastAPI, React (Vite), Tailwind, Gemini API, Docker
• Developed backend with multi-AI agent integration and containerized deployment.
GitHub

Grievance Management Bot
Internal AI chatbot for employees to log and track grievances securely.
Stack: Python, FastAPI, NLP, React
• Designed REST APIs and chatbot interface for secure workflow management.

Credence — Personal Finance Management App
Finance management app for budgeting and expense tracking.
Stack: React, TypeScript, Spring Boot, PostgreSQL
• Built backend APIs for transactions and authentication.

SKILLS

Languages: Java, Python
Frameworks: Quarkus, Spring Boot, FastAPI, React, Angular
Cloud & DevOps: AWS (Lambda, S3, EC2, SQS, RDS, CodePipeline), Docker, Azure CI/CD, GitHub Actions
Databases: PostgreSQL, MySQL, Cassandra
Tools & Concepts: Keycloak, REST APIs, Microservices, Git, Agile

EDUCATION

B.Tech in Computer Science and Engineering — CMR Institute of Technology (2019 – 2023) | GPA: 8.6/10

ACHIEVEMENTS

• Finalist, Xebia Techathon — built an internal AI grievance management system.
• Ranked Global 2010 in TCS CodeVita Season 10.