Tejeswar Reddy

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Summary
Results-driven Full Stack Software Engineer with 7+ years of experience in designing, building, and modernizing scalable, high-performance applications for the financial services sector. Proven expertise in developing robust backend microservices with Java and Spring Boot, and creating modern, responsive user interfaces with React. Adept at migrating complex monolithic systems to microservice architectures and driving the full software development lifecycle in agile, cloud-native environments.

Experience

DBS Bank   **October 2022 - Present**
Associate   Hyderabad

- Designed, developed, and maintained resilient backend microservices using **Java** and **Spring Boot** for the Investment & Insurance platform, building and securing RESTful APIs.
- Led the full-stack migration of a complex monolith to a **Spring Boot microservice** and **React micro-frontend** architecture, improving application load time by 65% and enhancing scalability.
- Engineered the CI/CD pipeline and platform migration to **OpenShift Container Platform (OCP)**, reducing build times by 80% and improving deployment efficiency for all development teams.
- Enhanced and optimized a custom React library for seamless integration of new micro-frontend applications, enabling faster feature development.
- Served as primary developer responsible for monitoring production environments and resolving critical incidents.
- Developed an Autonomous RCA Agent using **Python**, **LangChain**, and **RAG** that correlates distributed logs with historical incidents in **ChromaDB** to automatically pinpoint root causes, reducing Mean Time to Resolution (MTTR) by 40%

Datamatics   **July 2021 - Oct 2022**
Consultant - SE   Bengaluru

- Engineered the backend orchestration for the **Education Loan processing module**, implementing complex business rules for eligibility checks and workflows
- Responsible for the entire technical design and technical delivery.
- Built and deployed scalable Spring Boot microservices to handle the end-to-end loan application lifecycle, reducing manual processing overhead by 60%.
- Set up and configured the NGINX environment for frontend deployments on **AWS**, laying the groundwork for scalable infrastructure.
- Seamlessly integrated the loan origination system with core banking platforms and third-party APIs (credit bureaus, payment gateways) to facilitate real-time decision-making

Cognizant   **June 2018 - July 2021**
                                                                                                                                      Chennai

- Developed an operational dashboard using Java and JavaScript, enabling real-time visualization of critical business metrics and reducing reporting latency for stakeholders.
- Developed and implemented efficient automated solutions that reduced manual activity by 67%, significantly improving team productivity.
- Provided prompt vulnerability fixes for security mitigation, ensuring the application remained secure against emerging threats (OWASP standards).
- Collaborated closely with clients to resolve user issues, maintaining a high level of customer satisfaction and trust

Skills

Languages

Java, JavaScript, TypeScript, SQL, HTML/CSS

Frameworks & Libraries:

Spring Boot, React, Redux, Node.js

Cloud, DevOps & Platforms:

OCP (OpenShift), PCF (Pivotal Cloud Foundry), AWS, Jenkins, Docker, Kubernetes, NGINX

Architectures & Concepts:

Microservices, Micro-Frontends, Agile Methodologies, Data Structures and Algorithms

Generative AI & ML

LangChain, RAG (Retrieval-Augmented Generation), ChromaDB, FAISS