

Summary

Backend Software Developer with 3+ years of experience building enterprise-grade Java systems in the travel-tech domain. Hands-on expertise in Spring, Spring Boot, Struts, microservices, and cloud-native architecture. Delivered two AI agent prototypes using LLMs; experienced in system design, CI/CD, and cross-functional delivery.

Experience

Serko

Bengaluru, IN

Software Developer II

01/2025 - Present

- Architected and delivered two LLM-powered internal tools: a **Policy Compliance Agent** that interprets natural-language travel policies and filters live flight availability responses accordingly, and an **API Readiness Evaluator** that statically analyses OpenAPI YAML specifications to produce a structured agent-compatibility score.
- Extended the GetThere booking platform to support additional passenger types in response to client demand, owning end-to-end delivery across backend schema changes, business logic, and integration testing using **Spring** and **Struts**.
- Drove NDC feature enhancements across **5+ booking workflows**, improving seat map rendering and branded-fare attribute handling for enterprise clients.
- Authored a **Python** utility to automate Lombok annotation injection across domain model classes, reducing boilerplate LOC by **14%** and standardising code style across the team.
- Designed relational database schemas in **Oracle SQL** for a core platform module; assessed **Redis** caching strategies during design review to meet sub-100ms access targets.

Sabre Travel Technologies

Bengaluru, IN

Software Developer II

01/2023 - 01/2025

- Integrated NDC-based dynamic fare options into GetThere via **REST API** contracts, expanding ancillary service visibility and fare flexibility for corporate travel clients.
- Rearchitected **Jenkins** CI/CD pipelines using **Spring Boot**-based build tooling, reducing average release cycle time by **15%** and pipeline failure rate by **5%**.
- Established load and performance testing practice using **JMeter**; findings directly informed backend optimisations that reduced API response times by **5%**.
- Participated in scalable backend architecture discussions; evaluated **Apache Kafka** as a messaging solution for decoupling high-throughput services and improving system resilience.

Deloitte

Bengaluru, IN

Software Engineering Intern

05/2022 - 07/2022

- Built an internal analytics dashboard consuming live user metadata; integrated **Google OAuth** for authentication and a timestamp-based versioning layer, improving audit traceability by **10%**.

Appinventive

Noida, IN

Software Engineering Intern

07/2022 - 08/2022

- Refactored inter-service communication across a microservices platform, streamlining **5+ workflows** and reducing API latency by **20%**.

Education

Manipal Institute of Technology

Manipal, IN

B.Tech. in Computer Science and Engineering

07/2019 - 07/2023

- **CGPA:** 8.32 / 10.0 **Certifications:** [Docker](#), [Neural Networks](#), [Flutter Development](#)

Projects

LinkedIn Post Generator | Python, Google Gemini LLM

- Built a configurable content generation tool using the **Gemini** API that produces LinkedIn posts from structured inputs (topic, tone, length), demonstrating practical LLM prompt engineering and API integration.

Personal Portfolio | React, Next.js, Tailwind CSS, Vercel

- Developed and deployed a full-stack portfolio with SSR/CSR rendering and live GitHub contribution data via the GitHub API.

Technical Skills

Languages: Java, Python, JavaScript, TypeScript, SQL, PL/SQL, C

Frameworks: Spring, Spring Boot, Struts, React.js, Next.js, Node.js, JUnit, Mockito

AI / GenAI: Google Gemini, LLM Integration, AI Agent Design, Prompt Engineering, OpenAPI Analysis

Cloud / DevOps: GCP, Docker, Kubernetes, GitHub Actions, Jenkins, GitLab CI/CD

Databases: PostgreSQL, MongoDB, MySQL, Oracle SQL, Redis

Architecture: System Design (HLD & LLD), Microservices, Apache Kafka, Event-Driven Architecture

Testing: Unit, Integration, Load Testing (JMeter), Postman, REST API Testing

Practices: Agile, Scrum, API Design, Cross-Team Collaboration