

Sahilkumar Prasad

Java Backend Developer

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SUMMARY

Java Backend Developer (2.5 years) building reliable, low-latency services with Java, Spring Boot, and Microservices on Azure. Strong in Data Structures & Algorithms and System Design (HLD/LLD). Product mindset, clean architecture, performance, and resilience focused.

TECHNICAL SKILLS

Languages: Java, JavaScript, SQL

Backend: Spring Boot, Spring MVC, Spring Security, JPA/Hibernate, Maven

Databases: MySQL, PostgreSQL, Oracle, Redis

Cloud/DevOps: Azure, Docker, Jenkins, Git, Linux, CI/CD

System Design & DSA: REST APIs, Microservices, Distributed Systems, Caching, Messaging, HLD/LLD, Data Structures & Algorithms

PROFESSIONAL EXPERIENCE

- Crescent Engineering and Consulting**

Vashi, New Mumbai

Java Backend Developer

May 2023 – Present

- Shipped 5+ backend services (Spring Boot, Java); improved system performance by 40% and lowered P95 latency.
- Designed and implemented RESTful APIs and Microservices; reduced average response time by 45% via caching/IO tuning.
- Modeled relational schemas and optimized SQL (indexes, query plans); cut DB P95 by 50%.
- Owned Azure deployments with Docker and Jenkins pipelines; improved reliability and deployment lead time.
- Raised code quality with reviews, tests, and observability; reduced production defects by 40%.

KEY PROJECTS

- Enterprise Management System**

Spring Boot, MySQL, Azure

- Built inventory/finance modules with REST APIs and layered architecture (Controller-Service-Repo).
- Leveraged JPA/Hibernate; introduced caching (Redis) to reduce hot-path latency under load.
- Enabled horizontal scaling with stateless services and DB connection pooling.

- E-Commerce Backend API**

Spring Boot, PostgreSQL, Redis, Docker

- Designed microservices (catalog, users, orders) with clear domain boundaries and contracts.
- Added Redis caching and API rate limiting; improved throughput and stability during peak traffic.
- Containerized and shipped with Docker; reduced deployment time and environment drift.

- Banking System Backend**

Java, Spring Security, Oracle, JWT

- Implemented JWT-based auth / authorization; added transaction APIs with idempotency and validation.
- Modeled accounts / transactions ensuring ACID guarantees and consistent balances.
- Improved auditability with structured logging / trace IDs and centralized error handling.

EDUCATION

- University of Mumbai**

Mumbai, India

B.Sc Computer Science — CGPA: 9.57

2020 – 2023

ACHIEVEMENTS

- Optimized database queries and added caching, reducing API response time by 50% in production.
- Implemented microservices architecture that improved horizontal scalability and fault isolation.
- Built reusable Spring Boot components and templates, reducing feature delivery time by 35%.