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

Java Frameworks: Spring Boot, Spring MVC, Spring Security, JPA/Hibernate, Maven

Databases: MySQL, PostgreSQL, Oracle, Redis

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

Backend Technologies: REST APIs, Microservices, Distributed Systems, Caching, Messaging (Kafka), 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%.