DIVYANSH KACKKER

Java Backend Developer · Spring Boot Microservices Enthusiast · Bhopal, Madhya Pradesh
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SUMMARY

I am a practical, hands-on software engineer. I want to work in an environment where my skills and knowledge directly reflect the growth of the company, while helping me grow my own experience and expertise. Distributed systems are where we can build software that performs reliably at scale and solves real engineering challenges with new possibilities. To make that possible, I've developed skills in Java, Spring Boot, Apache Kafka, Redis, and RESTful API design, along with a strong grounding in Agile software development.

Skills

Languages: Java · SQL

Frameworks: Spring Boot · Spring Security · Spring Data JPA · Microservices · Spring AI

Database: MySQL

DevOps: Docker · Kubernetes · Apache Kafka

Tools: Git · GitHub · Postman · JUnit 5

Core CS: Data Structures & Algorithms · OOP · DBMS · Operating Systems · System Design

Projects

GoCruze: Safe School Commute Platform | GitHub | Spring Boot · Spring Security · MySQL

- Designed and implemented 15+ customer-facing RESTful API endpoints for a ride-booking platform serving working parents, with layered architecture and MySQL query optimization.
- Developed a secure authentication and authorization system using Spring Security 6, OAuth 2.0, JWT, and RBAC for 3 user roles; ensured robustness through JUnit 5 unit testing and integration testing across the SDLC.

Votezy: Distributed Online Voting System | GitHub | Spring Boot · Spring Data JPA · MySQL

- Designed and developed a scalable distributed voting platform with RESTful APIs, concurrent vote-submission workflows, and transaction management to prevent race conditions—ensuring consistency, availability, and reliability at scale.
- Optimized real-time result aggregation using Spring Data JPA indexed queries and JOIN optimization, reducing query time by 40%; validated correctness through unit testing and integration testing to ensure accurate election data at scale.

Experience

Infosys Springboard | Certificate — Sept–Nov 2025

Software Engineering Intern

- Designed and implemented a production-ready Inventory Monitoring & Reporting System following the full SDLC within an 8-week agile sprint, engineering a concurrent multi-threaded Spring Boot backend with RESTful API endpoints to handle simultaneous stock-update requests reliably.
- Collaborated cross-functionally to gather stakeholder requirements, conducted code reviews, applied unit testing and integration testing, and enforced server-side validation—improving system availability and performance under real-world constraints.

AICTE IDEA Lab | Certificate — Jan–Aug 2025

Lead Technical Project Associate

- Led design and development of 2 full-stack prototypes in a 6-person cross-functional team, architecting Spring Boot backends with RESTful APIs consumed by a React frontend, and delivering working features within rapid 4-week iteration cycles.
- Translated user requirements into technical specifications through iterative feedback loops; applied SDLC best practices—design, development, and testing—to ensure reliability, performance, and observability of delivered solutions.

Education

Lakshmi Narain College of Technology, Bhopal — Sept 2023 – Aug 2027

B.Tech – Computer Science and Engineering — *CGPA: 7.82 / 10*

Bal Bhawan School, Bhopal — 2022 – 2023

Higher Secondary Education (XII) — *Percentage: 80.0%*

Bal Bhawan School, Bhopal — 2020 – 2021

Secondary Education (X) — *Percentage: 81.6%*