

Abhishek Rohit

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EXPERIENCE

Tata Consultancy Services

Nov 2023 – Present

Software Developer | Java, Spring Boot, PostgreSQL, REST APIs

Mumbai, India

- Developed and enhanced high-performance **RESTful APIs** using Spring Boot, driving a **35%** improvement in system scalability, reliability, and throughput.
- Refined database interactions with Hibernate ORM, achieving a **25%** drop in query execution time and boosting responsiveness.
- Orchestrated AES-based encryption for user PII data, enhancing data security by **60–70%** and preventing unauthorized access.
- Performed troubleshooting, **root-cause analysis**, and defect resolution across a distributed **microservices** architecture, improving system stability and reducing production downtime.
- Spearheaded automated JUnit test that raised code coverage by **20%**, shorten bug-detection time by **35%** and reduced manual QA effort.
- Collaborated with cross-functional teams under Agile methods, delivering high-impact features, and generating a **20%** lift in user engagement.

PROJECTS

Quiz Application | Microservices, Java, Spring Boot, PostgreSQL, Eureka, Feign, Gateway

GitHub

- Engineered and deployed a robust Quiz Application using Spring Boot and MySQL on Render, ensuring high performance, scalability, and accessibility.
- Designed RESTful APIs with complete **CRUD** operations for seamless backend communication and dynamic quiz management, thoroughly tested using Postman.
- Executed quiz **evaluation logic** and inter-service communication using **Feign Clients**.
- Integrated **Eureka** for service discovery and Spring Cloud **Gateway** for routing and centralized access.
- Designed a secure quiz platform with authenticated user access, dynamic quiz flow, and inter-service coordination.

Blogging Application | Java, Spring Boot, Spring Security, Hibernate, PostgreSQL

GitHub

- Empowered users to create and manage posts with category selection, and enabled full comment lifecycle management including add, update, delete, and view operations.
- Configured efficient **pagination** and **sorting** techniques, resulting in faster query response times for end-users.
- Developed role-based APIs for admin and users with secure access using **JWT authentication**.
- Implemented a robust database schema for posts and comments, ensuring efficient data retrieval and integrity.

TECHNICAL SKILLS

Back-end Tech: Java, Spring Boot, Hibernate, ORM, JPA, Spring Security, JDBC

Databases: PostgreSQL, RDBMS

Version Control: Git, GitHub

Core Concepts: Data Structures & Algorithms, SOLID Principles, DBMS, Operating Systems, Networking

Design & Other: System Design, Multithreading & Concurrency, Microservices, Agile, Docker

ACHIEVEMENTS

- Solved **500+** **Data Structures and Algorithmic** problems on coding platforms such as **LeetCode** and **GFG**.
- Secured World Rank **2251** among 26K+ participants in Leetcode Weekly Contest 443, top **8.5%** of Leetcoders.
- Qualified in **Google Code Jam** 2022, among top participants in the contest conducted by Google.
- Cleared organization's "Wings" **Java Tech Track assessment** with recognition, outperforming peers.

EDUCATION

Techno Main Saltlake

B.Tech : Electrical Engineering (EE)

June 2019 – July 2023

CGPA: 8.95