

Udit Singh

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LinkedIn

Github

Leetcode

Experience

FICO (Fair Isaac Corporation)

July 2024 – Present

Software Engineering, Engineer I – Java, Spring Boot, Angular, Microservices, MySQL

Bangalore, India

- Worked on loan processing software for US and Asia-Pacific financial institutions, using a web application and microservices-based architecture, integrating third-party APIs to deliver high-performance solutions.
- Integrated FICO Decision Services and PLOR workflows into Java service code, streamlining credit decisioning.
- Optimized API performance by tuning **SQL** queries, achieving a 10-15% reduction in response time (50-100ms).
- Enhanced credit risk analysis endpoints by implementing efficient caching and load balancing, reducing response times by 75-100ms and boosting transaction processing speed.
- Built fault-tolerant job schedulers using **Java**, Quartz, and **Spring Boot**, enabling scalable batch execution with retries, logging, ensured 95% uptime across microservices.
- Built responsive UI components using **Angular** and **TypeScript** for improved cross-device user experience.

FICO (Fair Isaac Corporation)

Mar 2022 – June 2024

Software Engineering, Associate – Java, Angular, AWS, Apache Kafka

Bangalore, India

- Refactored legacy monolithic applications into microservices, integrating **Kafka** for real-time decoupled data flow.
- Developed dynamic **Angular** components with lazy loading using route-based module splitting to optimize load time and improve the performance of a credit decisioning dashboard.
- Implemented data validation for REST and SOAP APIs, ensuring integrity for credit scoring models.
- Built scalable data pipelines using Spring Boot with **AWS** integration and automated CI/CD via Jenkins, enabling real-time processing and minimizing manual intervention.
- Wrote unit and integration tests for both backend and frontend codebases to ensure system reliability.

Ataraxis Technologies LLP

IIT BHU

Software Developer Intern – Flutter, Java, Kotlin, SQL

Remote, India

- Worked as a Founding Engineer at this startup, leading the design and implementation of the entire mobile application architecture and development workflow across Android and iOS platforms.
- Implemented multi-threaded processing using **Java Concurrency APIs** to optimize real-time video/audio streaming, reducing end-to-end latency by 50% and significantly enhancing call stability and user engagement.
- Refactored app architecture to reduce backend load, boosting App Store rating from 3.8 to 4.5.
- Improved server response times by 30% through query optimization, caching strategies, and API payload refinement.

Projects

Full-Stack Blogging Application | React, JavaScript, NodeJs, Spring Boot, Spring Security

Github

- Developed a full-stack blogging application with a modern front-end using **React** and a RESTful backend.
- Integrated **pagination**, **search**, and **sorting** features in the UI for improved data navigation and UX.

ACM Application – Event Registration & Management | Flutter, Dart, Java, Kotlin, MongoDB

PlayStore & AppStore

- Built a cross-platform event management app using **Flutter** with real-time updates powered by **MongoDB**.
- Worked on **Kotlin/Java** to integrate core Android services like secure login, background sync, and push notifications.

Technical Skills

Programming Languages: Java, C++, JavaScript, TypeScript, HTML, CSS, SQL, Python, Kotlin

Frameworks and Libraries: Angular, Spring Boot, React, Hibernate, Spring MVC, NgRx, Microservices, jQuery, Flutter

Tools and Technologies: Git, AWS, Jenkins, Docker, Kubernetes, Kafka, Swagger, NodeJs, MySQL, Google Cloud Platform

Achievements

- **FICO - Extraordinary Impact Award** – Recognized by the CEO for delivering high-impact solutions.
- **Top 10th Global Rank** in GSSOC'21 – Recognized for impactful open-source contributions.
- **Competitive Programming** – Solved **1,000+** problems on CodeChef/LeetCode on Data Structures & Algorithms.

Education

Chitkara Institute of Engineering and Technology – Chandigarh, India
Bachelor of Computer Science and Engineering (CSE)

2019 - 2023
CGPA : 9.65