

Udit Singh

+91-8107533816

singhudit245@gmail.com

LinkedIn

Github

LeetCode

Summary

Full Stack Developer with 3+ years of experience in building scalable web applications using Java, Spring Boot, Angular, and AWS. Skilled at designing robust backend systems and developing intuitive Frontend interfaces in Javascript and TypeScript.

Experience

Software Engineering, Engineer I

July 2024 – Present

FICO (Fair Isaac Corporation) | Java, Spring Boot, Angular, Microservices, SQL

Bangalore, India

- Worked on loan processing software for U.S. and Asia-Pacific financial institutions by creating scalable solutions with microservices-based architecture, integrating APIs, and following Agile development methodologies.
- Developed responsive UI components to improve cross-device usability and frontend performance through **reusable components** and **optimized state management** using NgRx and Redux.
- Optimized API performance by tuning **SQL queries, achieving a 10–15% reduction** in response time (50–100ms).
- Built scalable data pipelines integrated with cloud services and automated CI/CD pipelines, reducing manual deployment effort and supporting real-time processing.
- Developed fault-tolerant job schedulers using Java, Quartz, and Spring Boot, enabling scalable batch execution with retries and logging, ensuring 95% uptime across microservices.

Software Engineering, Associate

March 2022 – June 2024

FICO (Fair Isaac Corporation) | Java, Angular, AWS, Apache Kafka, REST

Bangalore, India

- Refactored legacy monolithic applications into microservices, **integrating Kafka for real-time decoupled data flow**.
- Designed full-stack solutions by **developing dynamic Angular components** with lazy loading and route-based module splitting to optimize load time and improve credit decisioning dashboard performance.
- Implemented data validation for REST and SOAP APIs, ensuring integrity for credit scoring models.
- Enhanced credit risk analysis endpoints by implementing efficient caching and load balancing, **reducing response times by 75–100ms** and boosting transaction processing speed.
- Developed document template storage and retrieval in AWS S3 for scalable, reliable loan processing workflows.

Software Developer Intern

IIT BHU - 2021

Ataraxis Technologies LLP | Flutter, Java, Kotlin, MySQL

Remote, India

- **Implemented a research-backed solution** for efficient background job execution in Android, based on a U.S. research paper, reducing battery load and executing tasks effectively using core system libraries in Java/Kotlin.
- Led the end-to-end development of a cross-platform mobile app using Flutter, integrating with Java backend services to optimize real-time streaming, **cutting latency by 50% and improving call stability**.
- **Raised App Store rating to 4.7** by improving frontend UX and increasing server response speed by 30%.

Achievements

- **FICO – Extraordinary Impact Award** awarded by the CEO for impactful solutions and cross-team collaboration.
- **Top 10th Global Rank** in GSSOC'21 for contributions to open-source frontend frameworks and UI components.
- Achieved **4*** at CodeChef and solved **1,000+ problems** focused on Data Structures & Algorithms.
- Secured Global Rank **1710** among 25K+ participants in a LeetCode Biweekly Contest.

Technical Skills

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

Frameworks and Libraries: AngularJS, Spring Boot, REST, Hibernate, Redux, Node.js, jQuery, GraphQL

Tools and Technologies: Git, AWS, MySQL, Oracle, Redis, MongoDB, Docker, Kubernetes, Kafka, Jenkins, GCP

Projects

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

PlayStore & AppStore

- Led end-to-end development of a high-traffic community app **used by 100,000+ active university students**, implementing scalable features for seamless user interaction and real-time updates, built with Flutter and Kotlin.

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

Github

- Built a full-stack blog with React and Spring, featuring pagination, sorting, and RESTful APIs for dynamic content.

Education

Chitkara Institute of Engineering and Technology – Chandigarh, India

2019 - 2023

Bachelor of Computer Science and Engineering (CSE)

CGPA: 9.65