

UDIT SINGH

+91-8107533816

singhudit245@gmail.com

LinkedIn

Github

LeetCode

SUMMARY

Full Stack Developer with 3+ years of experience in building scalable, cloud-native applications using Java, Spring Boot and AWS and skilled in optimized frontend development with Angular. Strong problem-solver with impactful contributions and teamwork.

EXPERIENCE

Software Engineer I

July 2024 – Present

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

Bangalore, India

- Developed microservices powering FICO's loan processing platform, **automating \$10M+ in monthly workflows** and reducing support tickets by 25% through efficient API integrations and Agile methodologies.
- Led migration from monolithic systems to microservices by refactoring legacy codebase and upgrading Java from version 8 to 17, **reducing system downtime by 40%** and enhancing data throughput for credit risk analysis pipelines.
- Engineered fault-tolerant job schedulers with Java, Quartz, and Spring Boot, enabling scalable batch processing with retries and logging, **achieving 95% uptime** across critical financial microservices.
- Implemented responsive UI components in Angular, **boosting user engagement by 20%** through reusable design and state management optimization with NgRx and Redux.
- Built scalable document template storage and retrieval on AWS S3, enhancing workflow reliability and data availability.

Associate Software Engineer

June 2023 – June 2024

FICO (Fair Isaac Corporation) | Java, SQL, Angular, TypeScript, Apache Kafka

Bangalore, India

- Optimized backend performance by tuning SQL queries, **cutting response times by 50% (from 100ms to 50ms)**.
- Created RESTful APIs and data pipelines using Java, Spring, and cloud services, **accelerating feature delivery by 30%** through CI/CD automation and DevOps practices, supporting real-time risk and compliance processing.
- Designed and implemented event-driven data workflows using Kafka, **enabling real-time processing of \$15M+ monthly loan transactions** and improving cross-team data reliability.
- Built scalable and modular Angular dashboards with lazy loading and robust API validation, **reducing load times by 30%** and streamlining credit decision workflows across multiple financial products.

Software Engineer Intern

March 2022 - May 2023

FICO (Fair Isaac Corporation) | Core Java, MySQL, JavaScript

Bangalore, India

- Built production-grade cloud microservices as a full-stack intern while balancing final year of engineering coursework.
- Worked on solution integration of FICO's legacy platform software with a leading financial institution in the APAC region, enabling seamless data flow and improving credit risk evaluation **turnaround by 35% through defect fixes**.

ACHIEVEMENTS

- FICO – **Extraordinary Impact Award** awarded by the CEO for impactful solutions and cross-team collaboration.
- Secured Global Rank **1710** among 25K+ participants in a LeetCode Biweekly Contest.
- 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.

SKILLS

Core Technologies: Java, C++, JavaScript, TypeScript, Spring Boot, Hibernate, REST, GraphQL, Angular, Groovy, Node.js

Development Tools & Cloud: HTML, CSS, Redux, Git, Jenkins, Docker, Kubernetes, CI/CD, AWS (S3, EC2, Lambda)

Databases & Messaging: MySQL, Oracle, MongoDB, Redis, Kafka, SQL, PostgreSQL, RabbitMQ, Google Cloud Platform

PROJECTS

Full-Stack Blogging Application | React, JavaScript, Spring Boot, Hibernate, REST

Github

- Built a blog app with React frontend and Spring featuring JWT auth, REST APIs, pagination, and dynamic routing.
- Implemented secure, stateless authentication and authorization using Spring Security and JWT, with role-based access control, token expiration, and refresh token handling to ensure secure and scalable user sessions.

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.

EDUCATION

Chitkara Institute of Engineering and Technology | Chandigarh, India

Bachelor of Computer Science and Engineering (CSE)

2019 - 2023

CGPA : 9.65