UDIT SINGH

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

July 2024 – Present
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
FICO *(Fair Isaac Corporation)* | *Java, SQL, Angular, TypeScript, Apache Kafka*

March 2022 – June 2024
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.
- Developed modular Angular dashboards with lazy loading, **cutting load times by 30%** and implemented API validation to **improve data accuracy by 20%**, increasing credit decision productivity.

Software Developer Intern
Ataraxis Technologies LLP | *Flutter, Java, Kotlin, MySQL*

IIT BHU - 2021
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 improving task execution using Java/Kotlin core libraries.
- Led 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 enhancing 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.

SKILLS

Core Technologies: Java, C++, JavaScript, TypeScript, Spring Boot, Hibernate, REST, GraphQL, Angular, 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

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, Hibernate, MySQL*   Github
- Built a full-stack blog using React and Spring Boot with JWT auth, REST APIs, pagination, and content management.

EDUCATION

Chitkara Institute of Engineering and Technology | Chandigarh, India   2019 - 2023
Bachelor of Computer Science and Engineering (CSE)   **CGPA : 9.65**