Udit Singh

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Education

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

Experience

Software Engineering, Engineer I   July 2024 - Present
FICO (Fair Isaac Corporation) | Java, Spring Boot, Angular, Microservices, SQL, Jenkins   *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.
- 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*
- 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.
- Used Java Concurrency APIs to optimize real-time streaming, **cutting latency by 50% and improving call stability**.
- **Raised App Store rating to 4.7** by refactoring app and optimizing backend, boosting server response by 30%.

Projects

Full-Stack Blogging Application | *React, JavaScript, Node.js, 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, 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.

Achievements

- FICO – **Extraordinary Impact Award** awarded by the CEO for impactful solutions and cross-team collaboration.
- Top **10th Global Rank** in GSSOC'21 for contributing in open-source projects.
- Achieved **5*** at HackerRank and solved **1,000+ problems** focused on Data Structures & Algorithms.
- Secured Global Rank **1710** among 25K+ participants in LeetCode Biweekly Contest 128.

Technical Skills

Programming Languages: Java, C++, JavaScript, TypeScript, HTML, CSS, Python, SQL, Kotlin
Frameworks and Libraries: Angular, Spring Boot, React, Hibernate, Spring MVC, Redux, Node.js, jQuery, GraphQL
Tools and Technologies: Git, AWS, MySQL, Redis, Jenkins, Docker, Kubernetes, Kafka, Google Cloud Platform