

ANSH MEHTA

Software Engineer

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EDUCATION

Northeastern University, Boston, MA May 2025

Master of Science in Computer Science

LNM Institute of Technology, Jaipur, IN May 2021

Bachelor of Technology in Computer Science, GPA: 8.9/10

Related Coursework: Operating Systems, Computer Networking, Data Structures, Distributed Systems

PROFESSIONAL EXPERIENCE

Whatfix, Bengaluru, IN January 2021 - July 2023

Software Engineer - 2

- Led a team of 5+ colleagues in developing SaaS based analytics capturing features for browser, mobile, and desktop applications, thereby winning 80% revenue share for analytics product line
- Maintained ETL pipelines with Kafka, ingesting real-time analytics data from 100m+ user devices
- Established developer centric CI/CD pipeline utilizing Ansible and Jenkins, leading to reduction in DevOps effort
- Mentored 4+ interns on product, codebase knowledge, fostering rapid integration into development team

Software Engineer - 1

- Transformed the Java Query Layer, implementing parallel execution, design patterns, and employing Spring Boot and Kafka services, boosting the response times by 50%
- Optimized SQL queries by partitioning and ranking within Cassandra, reducing query execution times by 30%
- Identified JavaScript memory leaks in 10+ applications, enhancing application performance and stability

Full Stack Engineer Intern

- Re-branded the UI for the Analytics product using React.js/ D3.js/ HTML/ CSS, developed reusable components for easier maintenance across the product suite
- Developed test cases in Playwright to ensure the stability of new and existing feature, and better code coverage
- Integrated LOG4J, Elasticsearch framework for the analytics application, enabling real-time logs analysis
- Improved UI performance and user interaction by optimizing front-end architecture and implementing REST API caching using Redis that increased time-to-interaction by 40%

PROJECTS

Presentation Link Extract Chrome Extension ([Github](#))

- Created and published a chrome store extension in for extracting HTTP links from a meeting presentation
- Technologies Used: Javascript/ HTML/ CSS

Hybrid Computational Model for IoT devices ([Code](#), [Published Paper](#))

- Engineered a Python-simulated hybrid IoT model leveraging networking libraries, demonstrating network performance metrics with Matplotlib visuals, resulting in a 15% reduction in network response times

SKILLS

- Programming Languages: JAVA | Python | Javascript | Typescript | C | C++
- Frameworks: Spring Boot | Spring MVC | Kafka | Kubernetes | Docker | Jenkins | Ansible | JUnit | Selenium | Playwright | Elasticsearch | Log4J
- Web Technologies: HTML | CSS | React | Tailwind CSS
- Databases: Cassandra | MySQL | Clickhouse (OLAP DB) | PostgreSQL
- Tools: Bitbucket | Github | Confluence | JIRA | InjelliJ | VS Code | Linux Terminal
- Soft Skills: Agile & Scrum | Technical Documentation | Team Lead | SDLC Lifecycle

AWARDS AND RECOGNITION

- Recognized as Success Engineer of Quarter at Whatfix for showing exemplary efficiency in resolving customer issues and reduce support tickets by 70%