Saif Iqbal

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SUMMARY

Software Engineer with 2 years of hands-on experience in **backend development**, **mobile application customization**, and **workflow optimization**. Skilled in **REST API** integration and **resolving critical system issues**, with a proven ability to deliver reliable solutions that enhance operational efficiency and user satisfaction.

TECHNICAL SKILLS

Programming language and Framework: JAVA, SpringBoot

Tools & Concepts: MySql, Data Structures & Algorithms, REST APIs, Microservices, Kafka, Eureka

Familiar: Git and GitHub, HTML, CSS, JavaScript, AWS (Elastic Beanstalk, Lambda, EventBridge)

EXPERIENCE

E2Open
Associate Implementation Engineer, Full-Time
July 2023 - Present
Bengaluru, India

An end-to-end connected supply chain software company

- **Developed and customized** a logistics management mobile application, implementing **10+ new features** and resolving critical bugs using **Fluid framework (C#), REST APIs, and SQL**.
- **Enhanced backend performance** by implementing **batch processing** for API calls and redesigning workflows, improving system efficiency by **20%**.
- **Managed production deployments**, including **server upgrades, adapter deployments,** and **release cycles**, ensuring seamless application performance in live environments.
- **Diagnosed and resolved** critical issues, including picker crashes and scanning discrepancies, ensuring seamless data flow and system stability ensuring **99.9% uptime**.
- **Collaborated** with cross-functional teams to **enhance debugging strategies,** share technical knowledge, and improve **customer-focused solutions**.

Amazon
Quality Assurance, Internship
Jan 2023 - June 2023
Bengaluru, India

- **Performed manual and automated testing** for **4 live projects**, automating **10+ test cases** using **Java** and conducting **API testing** to ensure system functionality and reliability.
- **Enhanced internal testing tools**, including **Cuetazilla**, by implementing **feature improvements** and optimizing workflows to improve testing efficiency
- Worked with **AWS cloud services**, including **Lambda, EventBridge, and CI/CD pipelines**, to streamline cloud-based workflows and integrations.
- **Developed test strategies, created test cases, planned test executions, and SOPs**, improving QA processes and standardizing testing methodologies.

PROJECTS

Contact Manager
Dec 2024 | **Project Link** | **Github**

- Designed and developed a secure contact management application using **Spring Boot**, **Thymeleaf**, and **MySQL**, integrating **Spring Security** and **OAuth 2.0** for Google login and email verification.
- Implemented key features, including contact creation with image uploads via **Cloudinary**, advanced search, pagination, and exporting contacts to **Excel**, enhancing usability and efficiency.
- Built interactive functionalities such as a customizable **day/night theme**, email notifications to contacts, favorite marking, and feedback collection, ensuring a seamless user experience.
- Utilized **JPA** for robust data validation and management, creating a scalable dashboard with advanced features to optimize user interaction and application performance. The application is **deployed on AWS Elastic Beanstalk**, leveraging its scalability and reliability for hosting.

Transaction Flow Management System
Jun 2024 | **Github**

- Built a distributed microservices system with **Spring Boot**, featuring services for User, Wallet, Transaction, and Notification, employing **Kafka** for asynchronous communication and **Netflix Eureka** for service discovery.
- Designed an event-driven architecture to handle user creation, transaction processing, and notifications, with data persistence in **MySQL**, showcasing expertise in backend development and microservices design.

EDUCATION

Bangalore Institute of Technology, India
Bachelors of Engineering in Information Science and Engineering
Aug 2019 - Aug 2023
GPA: 8.02/10.0

Loyola School Jamshedpur, India
ICSE and ISC
March 2019

INTERESTS

Sports, Music, Travelling, Hiking, Fitness, Gaming