MD SAIM YOUSUF
SOFTWARE ENGINEER

Phone : +91 9163072922
Email : saimyousuf@gmail.com
LinkedIn : linkedin.com/in/mdsaimyousuf/
GitHub : github.com/saimyousuf

SUMMARY

Software Engineer specializing in React, Next, Java, Spring Boot, and Microservices. Adept at analyzing business needs, providing strategic software suggestions and developing user-friendly interfaces. Skilled in AWS, Maven, and Docker, with a strong focus on writing clean code, following best practices, and building scalable applications. Demonstrated ability to deliver comprehensive full-stack projects, ensuring efficient and high-performance web applications.

SKILLS & CERTIFICATIONS

HTML, CSS, JavaScript, TypeScript, React, NextJS, Java Spring Boot (Microservices architecture), MySQL, PostgreSQL, Maven, Mockito, Git, Postman, Amazon Web Services.

Certifications: React - The Complete Guide 2025**, AWS** Certified Cloud Practitioner**, Gen AI, JSE** Java **Microsoft** Web Level **React.**

WORK EXPERIENCE

Cognizant   September 2022 - Present

RCI Promo-Genie
- Automated the generation of promotional offers with varying discount percentages across 20 Wyndham applications globally.
- Granted access to management to create promos, while giving regional managers the ability to add resorts to them, streamlining the promotional workflow.
- Integrated CyberSource with legacy codebase for secure online payment processing.

Club Wyndham Guide Portal
- Developed user interfaces based on detailed client requirements and designs, ensuring alignment with business objectives.
- Designed and demonstrated a proof of concept of the working model as a prototype to clarify client requirements.
- Introduced redux-thunk to manage API calls and handle loading and error states across the application.
- Migrated JSP-powered web pages to a React JS based single-page application, adhering to various design architectural systems.
- Implemented modern designs using Bootstrap and injected React components as individual roots inside jsp pages.

QVC Inc
- Identified and resolved backend bugs, conducted health checks, and analyzed application logs to ensure optimal performance.
- Diagnosed root causes for order exceptions and implemented a UI in React.js to display detailed information, reducing the need for direct database queries. Updated documentation and understood business requirements in client meetings. Presented weekly incident reports to clients.

OneHR - Cognizant, Poland
- Developed and designed REST endpoints using Java Spring Boot and Spring Data JPA, implementing business logic and repository patterns.
- Designed and developed dynamic user interfaces in React, implementing efficient routing and state management through Context API. Created a Recycle Bin feature for temporary file storage with automated SQL data deletion, enhancing data handling and storage management.
- Detected and resolved bugs in the codebase and database architecture, improving system stability, while performing code reviews and collaborating with development teams for cross-functional support.
- Conducted end-to-end testing and used Mockito for unit tests to enhance code quality & maintain a healthy codebase, and led client demos to showcase new features and gather feedback for future enhancements.

INTERNSHIP EXPERIENCE

Cognizant Digital Nurture Internship   February 2022 - August 2022
- Developed a comprehensive insurance portal for insurance agents utilizing Spring Boot for the backend, ensuring robust server-side logic and efficient API management. Integrated MySQL for flexible and scalable data management, enabling seamless storage and retrieval of policy and client information. Employed React.js for the frontend, delivering a dynamic and user-friendly interface that enhances the user experience.

EDUCATION

Bachelor of Technology in Computer Science   2018 - 2022
University of Engineering & Management, Kolkata. **(8.85 DGPA).**

Higher Secondary Examinations (Indian School Certificate)   2017 - 2018
Saifee Hall S.G.J. English Public School, Kolkata.

Secondary Examinations (Indian Certificate of Secondary Education)   2014 - 2015
Frank Anthony Public School, Kolkata.