IMRAN SADIK MOLLA

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⊙ https://github.com/imransadikmolla/

Profile

Proficient Software Engineer with **two plus years** of hands-on experience in developing and maintaining robust, scalable, and efficient software solutions. Skilled in various programming languages and technologies, specializing in **JAVA, Spring Boot, ReactJS , JAVASCRIPT ,PYTHON** and **SQL** .Strong in design and integration with intuitive problem-solving skills. Passionate about implementing and launching new projects. Ability to translate business requirements into technical solutions.

Interested in the role of a Software Development Engineer where I can contribute my programming skills and functional knowledge. Looking for a dynamic and progressive company where my skills are utilized in the maximum way possible.

Professional Experience

2022/02 – present Gurugram, India	**Associate Engineer** *Nagarro* • Designed, developed, and maintained scalable applications using **Java, Spring Boot,** and Hibernate, ensuring high performance and reliability. • Implemented RESTful APIs for improving system flexibility and enabling seamless integration between frontend and backend components. • Collaborated with cross-functional teams to gather requirements, plan project milestones, and deliver solutions that met client expectations within project timelines. • Developed modern, responsive web applications using **React.js,** leveraging components and state management to create dynamic user interfaces. • Implemented reusable UI components to maintain consistency and scalability across the projects, optimizing development efficiency.

Education

2018 – 2022 Purulia, West Bengal, India	**Bachelor of Technology in Computer Science & Engineering** *Ramkrishna Mahato Government Engineering College* CGPA- 9.21
2016 – 2018 South 24 Parganas, West Bengal, India	**Higher Secondary** *Sishu Bikash Academy* Grade- A+

Skills

Java ●●●●○
Core Java, JSP, Servlet, JDBC, Hibernate, Spring Boot ,Spring MVC

SQL ●●●●○
MySQL, Microsoft SQL Server

Python ●●●○○
Numpy, Pandas, Matplotlib,

JavaScript ●●●●○
React.JS, Redux, Express.JS , Node JS

C++ ●●●●○
Standard Template Library

Tools ●●●●○
Visual Studio Code, Git, Postman , Spring Tool Suite, Eclipse

Certificates

- Master C++ Programming From Beginner To Advance, Udemy

- Foundation Artificial Intelligence, NASSCOM Foundation

- Programming For Everybody (Getting Started With Python),Coursera

- Java Programming Complete Certification Training ,Udemy

Projects

Ant Colony Optimization Route Selection For MANET ⬈
Mobile ad hoc networks (MANETs) are collection of distributed nodes which communicate using multi-hop wireless links. Ant Colony Optimization (ACO) technique improves the data transfer speed by finding optimal path between nodes of MANET in dynamic fashion based on real life foraging ant's behaviour.

Quiz-Pedia, A quiz application using React.js ⬈
Designed and implemented the user interface utilizing React.js components, ensuring a responsive and intuitive layout for seamless navigation and user interaction. Implemented efficient state management within the application using React Hooks or Context API to maintain the quiz progress, track user responses, and update the UI dynamically.

Summer Olympics 2021 Data Analysis ⬈
The Summer Olympics 2021 Data Analysis project demonstrated proficiency in Python-based data manipulation, analysis, and visualization techniques. The insights derived contributed to a comprehensive understanding of performance metrics, historical trends, and factors influencing medal outcomes, providing valuable information for sports organizations or Olympic committees.

Achievements

Exemplary Performer in Nagarro Temenos Banking Software Training.

500+ Problem solved in Leetcode. ⬈

1400+ Coding Score in GeekforGeeks. ⬈

5 Star Rating in Problem Solving, C++ and JAVA in Hackerrank. ⬈

Courses

Data Structures, Algorithm, Operating System, Computer Network, Database Management System

Interests

- Stock Market

Soft Skills

Problem Solving, Critical Thinking, Communication , Leadership , Creativity, Interpersonal