

IMRAN SADIK MOLLA

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🔗 <https://github.com/imransadikmolla/>

Profile Summary

Software Engineer with **three years** of experience building scalable backend systems using **Java**, **Spring Boot**, **SQL**, and **NoSQL** databases. Skilled in microservices, RESTful APIs, and optimizing workflows for efficiency and reliability. Proficient in ReactJS and JavaScript for end-to-end solutions. Passionate about delivering innovative, maintainable, high-performance software aligned with business goals.

Skills

Programming Languages: Java (Expert), SQL (Intermediate), JavaScript (Intermediate)

Frameworks & Libraries: Spring Boot (Expert), ReactJS (Basic)

Development Tools: Git (Expert), Maven (Advanced), Jenkins (Basic), Docker (Basic)

Databases & ORM: MySQL (Intermediate), MongoDB (Intermediate), JPA (Intermediate)

Cloud Services: AWS (Basic)

Professional Experience

2024/02 – present Kolkata, India	Software Engineer <i>Indus Net Technology</i> <ul style="list-style-type: none">Built a secure Digital PIN system for banking apps, enabling PIN viewing with encryption and MFA and protecting user safety.Developed an Open Banking API with OAuth2 authentication, enabling secure third-party banking transactions.Built a B2B microservices solution for bulk file processing, reducing processing time by 50% and supporting 5+ file formats.
2022/08 – 2024/02 Gurugram, India	Associate Engineer <i>Nagarro</i> <ul style="list-style-type: none">Designed and developed a scalable backend for Loan and Credit Card modules in a B2C digital banking product using Java, Spring Boot, and Hibernate, supporting customer onboarding, credit card management, and account tracking, benefiting thousands of users.Enabled secure external integrations via RESTful APIs, facilitating real-time communication and enhancing user reliability.Built responsive web applications with React.js, ensuring seamless experiences across multiple devices.Implemented a component-based architecture and optimized state management, improving application performance by 30%.
2022/02 – 2022/08 Gurgaon, India	Trainee <i>Nagarro</i> <ul style="list-style-type: none">Contributed to converting legacy systems from Temenos T24 TAFC to R22 (Java), enhancing core banking capabilities in Account and customer modules.Designed and evolved Java-based conversion modules, securing data integrity and system compatibility throughout the migration.Delivered key modules on time, meeting project deadlines and collaborating closely with stakeholders to align with requirements.

Education

2018/08 – 2022/06 Purulia, West Bengal, India	Bachelor of Technology in Computer Science & Engineering <i>Ramkrishna Mahato Government Engineering College</i> CGPA- 9.21
2017/03 – 2018/05 South 24 Parganas, West Bengal, India	Higher Secondary <i>Sishu Bikash Academy</i> Grade- A+

Certificates

- Java Masterclass 2025: 130+ Hours of Expert Lessons(Udemy) [↗](#)
- AWS Fundamentals: Going Cloud-Native (Coursera) [↗](#)

Personal Projects

Product Rating Backend Application [↗](#)

A product rating application using Java 17 and Spring Boot 3, featuring JWT authentication for secure API access, RESTful APIs for product rating management, and Spring Security for user authentication and role-based access control. This app allows users to create, retrieve, update, and delete product ratings, with features like sorting and filtering based on user ratings and reviews, preserving a robust and maintainable codebase.

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. Enforced 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.

Achievements

Exemplary Performer in Nagarro Temenos Banking Software Training.

750+ Problem solved on Leetcode. [↗](#)

2500+ Coding Score on GeekforGeeks. [↗](#)

5-Star Rating in Problem-Solving, C++, and Java on HackerRank. [↗](#)

Course Work

Data Structures & Algorithms, Operating System, Computer Network, Database Management System

Interests

- Hedge Fund Management
- Investment Banking

Soft Skills

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