

Md. Rasheduzzaman

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TECHNICAL SKILLS

Programming Languages: C/C++, Java, JavaScript, Go, TypeScript, SQL

Frameworks & Libraries: Spring Boot, Node.js, Express.js, RESTful APIs, ASP.NET Core

Databases: MongoDB, PostgreSQL, MySQL

Tools & Technologies: Git, Postman, Prisma, Linux, GraphQL, LaTeX

WORK EXPERIENCE

Lynorg Technologies Limited

Dhaka, Bangladesh

Software Engineer (Backend)

December 2024 - Present

- Worked on key modules like Attendance Management, Lease Management, Petty Cash Management, etc. for an ERP system using **Spring Boot** and **Node.js**, with **MongoDB**.
- Enhanced system features like notifications, hierarchical task flow, pagination, etc., and optimized MongoDB queries for several API calls. Collaborated with the front-end team for API integration, ensuring smooth performance.

TopOfStack Software

Dhaka, Bangladesh

Junior Software Engineer | Internship

August 2024 - November 2024

- Developed a website using **Next.js** for the frontend, and using **Nest.js** for the backend to implement web API for handling transactions. Website link: [MuslimBangla Foundation](#)
- Created web admin API and made the website dynamic using **Strapi**. Integrated **SSLCOMMERZ payment gateway** along with SMS and Email services which will be used for millions of transactions.

PROJECTS

Jobify - Job Tracking App | MongoDB, Express.js, React.js, Node.js, Postman

[Live Link](#) | [Source Code](#)

- Developed a job-tracking web app with **JWT-based authentication** and **HTTP-only cookies**, utilizing **React Query** for efficient **data caching** and **pagination**.
- Implemented **RESTful API** for backend communication and enabled **user account management**, including profile picture upload, job modification, and sorting functions.
- Integrated **data visualization** with interactive charts and **deployed** securely on Render for cloud-based access.

Detecting Concept Drift from Time Series Data | Thesis | Python, Google Colab

- Implemented a program using **ADWIN** method to find “**When**” occurring concept drift in real-life streaming data over time which helps to identify the **model decaying points** of ML prediction models.

Manga-Shop | Ecommerce-site | ASP.NET Core MVC (.NET 7), C#, HTML, CSS

[Source Code](#)

- Developed a comprehensive e-commerce platform for Japanese comics, "Manga," using **ASP.NET Core MVC**.
- Implemented user authentication and role-based access control, allowing users to register, log in, browse products on the home page, and access detailed product pages. Administrators have exclusive access to a content management system for managing products and categories through create, read, update, and delete (CRUD) operations.

EXTRACURRICULAR ACTIVITIES

Competitive Programming

- [Codeforces](#) | Max Rating: 1366
- [LeetCode](#) | Max Rating: 1479
- Participated in several **contests** and solved around **700+** problems using **C++**.
- Was responsible for around 10 students as a **mentor** in a CP club "SGIPC" (Special Group Interested in Programming Contest) and **taught** basics of **C/C++** programming for around 2 months during the 3rd semester.

EDUCATION

B.Sc. in Computer Science and Engineering

2018 - 2023

Khulna University of Engineering & Technology

Khulna, Bangladesh

- Relevant Coursework:** Discrete Mathematics, Object Oriented Programming, Data Structures and Algorithms, Algorithm Analysis and Design, Database Systems, Software Engineering and Information Systems, Operating Systems, Compiler Design, Computer Networks, Artificial Intelligence, Machine Learning, Computer Network and Security, Computer Graphics, Natural Language Processing, Data Mining.

Higher Secondary Certificate in Science

2016 - 2017

Chittagong College

Chittagong, Bangladesh