

Anik Mia

Software Engineer

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📁 PROFESSIONAL EXPERIENCE

Backend Engineer

TechnyX Limited 🔗

01-2025 – present | Dhaka, Bangladesh

Project: IoT Data Management Platform (Web & Mobile)

- **Led and solely developed** the entire backend system for storing and managing real-time biometric data from IoT devices.
- Responsible for **system architecture, roadmap planning, and technical decision-making** throughout the project lifecycle.
- Designed a **monolithic, multitenant architecture**, supporting both tenant-based (organizations) and standalone users.
- Built a **data aggregation system** to efficiently process and serve large-scale time-series data.
- Implemented **unit and integration testing, Swagger API documentation**, and a **pub-sub model** using MQTT for real-time device interactions.

Technologies: Java, Spring Boot, PostgreSQL (TimescaleDB), MQTT, JUnit 5, Swagger, Jmeter

Junior Software Engineer

WPXPO 🔗

07-2024 – 10-2024 | Dhaka, Bangladesh

Project 1: SaaS Idea Roadmap Application

- Developed features allowing users to submit and upvote ideas, admin controls for managing idea phases (e.g., pending, in progress, completed).
- Implemented clean UI using **Next.js, Drizzle, HTML**, and **SASS** with **MySQL** backend.

Project 2: WordPress Shopping Cart Plugin

- **Built core eCommerce functionalities:** add/remove items, update quantity and billing, mini-cart sync, and product suggestions.
- Ensured theme/plugin compatibility and customizable UI through plugin settings.
- Used PHP, JavaScript, HTML, CSS, and WordPress default database (phpMyAdmin).

🏆 COMPETITIVE PROGRAMMING ACHIEVEMENT

GOOGLE CODEJAM 2022

- Qualified in the **Qualification Round** with a score of **31 points**.

META HACKER CUP 2022

 🔗

- Advanced to the next round after qualifying in the **Qualification Round**.

ACM ICPC PRELIMINARY ROUND

 🔗

- **2022 & 2021:** Participated as part of a 3-member team; **individually solved 3 problems**.

FACEBOOK HACKERCUP 2021

 🔗

- Advanced past the **Qualification Round** by solving **3 problems**.

CODECHEF SNACKDOWN 2021

 🔗

- **Qualification Round:** Ranked **1012 out of 28,912** by solving 3 problems.
- **Round 1A** 🔗 : Qualified for the next round by solving 4 problems; ranked **1646 out of 28,912**.

🎓 EDUCATION

BSC

Shahjalal University of Science and Technology, Sylhet

BSC in Mathematics

Passing year 2023

🧠 TECHNICAL SKILLS

Programming Languages

C, C++, Java

Frameworks, Api Testing

Spring-Boot, Postman

Database Management

MySQL, PostgreSQL, Timescaledb

Project Management

Git-Hub, Bitbucket

Frontend Tools and Library

Html, Css, Sass, ReactJS

Others

OOP, DSA, System Design, Microservice architecture, Linux

🌐 ONLINE JUDGE & CONTEST JUDGE ID

CODEFORCES

 🔗

max-rating 1393, problem solved over **1140**

LEETCODE

 🔗

problem solved over **90**

HACKERRANK

 🔗

UVa

 🔗

CSES

 🔗

SPOJ

 🔗

📁 PROJECTS

Employee Management System

 🔗

A full-stack CRUD application for managing employee information.(live) 🔗

- Supports creating, updating, and deleting employee records with role-based access control.
- Built using **Java, Spring Boot, Spring Security, Spring Data JPA**, and **RESTful APIs**.
- Frontend developed with **React** and **SASS**.
- **MySQL** used as the production database.

SPINNER WHEEL

 🔗

A Random Name Picker

add names and spin the wheel to pick a random name(winner) (live) 🔗

Technologies : Html, Css, Javascript