

NUR MOHAMMAD AL MAMUN

SOFTWARE ENGINEER

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[Linkedin](#) [Github](#) [Portfolio](#)

CAREER OBJECTION

A Software Engineer with experience in web application development, specializing in Python and Django REST. Proficient in C++, Python, MySQL, and web technologies, with expertise in scalable application design, algorithm optimization, and solving 1,500+ problems on platforms like LeetCode, CodeForces, and HackerRank. Focused on delivering efficient, high-quality solutions and continuous learning.

COMPETITIVE PROGRAMMING

- LeetCode: 800+ Problems Solved, Contest rating of 1,492 - [profile](#)
- Codeforces: 400+ Problem solved (Highest rating: 1065) - [profile](#)
- Codechef: 2 star coder (Highest rating 1,429) - [profile](#)
- Hackerrank: 5* of problem solving, C++, Python, mySQL | 4* of C, Java - [profile](#)

TECHNICAL SKILLS

- **Programming Skills:** C, C++, Python, Java, Data Structures & Algorithms
- **Backend:** Python, Django, Django REST API, third-party API, JWT,
- **Frontend:** TailwindCSS, React.js, JavaScript (ES6+),
- **Database:** MySQL, PostgreSQL, SQLite
- **Tools and Cloud DevOps:** : Git, Github, Supabase, Jupyter Notebook, Firebase, Linux

PROJECTS

TrueLearner – Online Learning Gateway

[UML Diagram](#) | [Github](#) | [Live](#)

Scalable e-learning platform for seamless course management and learning experience.

- Built a comprehensive learning system for course enrollment, video lessons, and progress tracking.
- Developed robust course management, enabling instructors to create, update, and monetize courses.
- Designed a secure & scalable platform with role-based access, an advanced Instructor panel, and token authentication.

Tech Stack: Python, Django REST, PostgreSQL, SQLite, TailwindCSS, JavaScript, Token Authentication.

Data.Doner – Online Blood Donation Platform

[Github](#) | [Live](#)

A user-friendly platform connecting blood donors and recipients for quick and efficient donations.

- Developed secure user authentication with email verification and profile management for donors and recipients, ensuring smooth user onboarding.
- Implemented advanced donor search & blood request system with real-time notifications and filters (location, blood group).
- Designed a responsive, cross-platform UI with real-time communication, event, and donation tracking.

Tech Stack: Python, Django REST, PostgreSQL, SQLite, TailwindCSS, JavaScript, Token Authentication.

EDUCATION

Deploma Engineering in Computer Science & Technology

2022-2025

Sylhet Polytechnic Institute

CERTIFICATES

- CSE Fundamental with Phitron -[view](#)
- SQL Intermediate (HR) -[view](#)
- Introduction to Programming with Python (gov.) -[view](#)

LANGUAGES

Bangla(Native), English, Hindi