

Muhammad Sabbir Hossain

✉ sabbir772002@gmail.com 📞 +8801571144383 🌐 sabbir772.vercel.app 🔄 Sabbir772002 📄 772sabbir

Summary

UIU CSE Graduate with strong full-stack web development expertise (Django, React, Node.js), building real-time APIs, WebSocket backends, and Next.js frontends with MongoDB and PostgreSQL. Experienced in machine learning and cloud infrastructure (Docker, AWS). Competitive programmer with 2,500+ problems solved.

Education

B.Sc. in Computer Science & Engineering

United International University (UIU), Dhaka, Bangladesh

Jun 2021 – Dec 2025

Overall CGPA: 3.91 / 4.00

Projects

Nostalgia – Social Media Platform for Elderly Users

[GitHub](#)

Django, Node.js, MongoDB, MySQL, HTML/CSS/JS, Microservices

- Integrated NID-based identity verification with JWT-secured authentication and two-step validation.
- Built ML-driven recommendation pipelines and face-recognition-based person matching.
- Delivered accessibility-focused features: walking buddy matching, medication reminders, chat.

FundWave – Crowdfunding & University Loan Management Platform

[GitHub](#)

React, Node.js, Express, MongoDB, JWT

- Developed a full-stack crowdfunding platform featuring university loan management, campaign creation, and a competitive bidding system.
- Implemented secure JWT-based authentication, real-time payment integration, and reviews system.

Real-Time Multi-Agent Chat System

[GitHub](#)

Django Channels, WebSockets, Next.js, PostgreSQL, Redis, Docker

- Developed a full-stack real-time multi-agent chat platform with automated agent assignment and queue-based session handling.
- Added JWT auth, persistent sessions, Dockerized deployment, and state management (TypeScript + Zustand).

Skills

Languages: JavaScript, TypeScript, Python, C++, Java, C#
Frameworks: React, Node.js, Next.js, .NET Core, Django, JavaFX
Backend/APIs: REST APIs, WebSockets, Microservices, System Design
Databases: PostgreSQL, MongoDB, Redis, Kafka, MySQL
AI/ML: PyTorch, YOLO, OpenCV, Hugging Face, RAG
DevOps/Tools: Docker, AWS (EC2, RDS, S3), Linux, Agile, Git

Competitive Programming

Codeforces Solved: **1900+** | Max Rating: **1578 (Specialist)**

handle: pago1

CodeChef Solved: **100+** | Max Rating: **1854 (4-Star)**

handle: sabbir772

Achievements

UIU CSE Project Show

2022–2024

1st in Advanced OOP; 2nd in System Analysis & Design; 3rd in DBMS & SEL

ICPC Asia Dhaka Regional

2024–2025

Participated 2× (2024, 2025);

ML Olympiad 2024 (10th) | IUPC Ranks

2024–2025

BUBT 23rd, MU 42nd, KUET 50th;

Top - 20 National Individual Ranks

2024–2025

Multiple top-20 national individual ranks; 10+ onsite and 250+ online national & international competitions

Campus Activities

- Served as Trainer (50+), judge, problem-setter at UIUCPC; and Undergraduate Teaching Assistant.
- Founded UIU Scholars Squad — live CS sessions reaching **3,000+** students.