

Syed Faysel Ahammad Rajo

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in linkedin.com/in/syedfaysel — 🐙 github.com/syedfaysel — 🌐 portfolio

Experience

Software Developer Intern

Nov 2024 – May 2025

Coastal Code Solution, Dhaka, Bangladesh

- Collaborated in a 5-member team to develop enterprise ERP applications under tight deadlines.
- Built scalable backend APIs and integrated frontend modules.
- Contributed to debugging and performance optimization, improving application stability.

Education

BRAC University, Dhaka

Spring 2021 – Present

Bachelor of Science in Computer Science and Engineering

CGPA: 3.43 / 4.00 (up to 11th semester)

- Relevant Coursework: Database Systems (A+), OOP (A+), Data Structures and Algorithms, Software Engineering, System Design Analysis

Technical Skills

Languages: C/C++, Java, Python, JavaScript, TypeScript

Competitive Programming & Problem Solving: 400+ problems solved in Leetcode, Codeforces, vjudge

Web Development: Node.js, Express.js, React, Next.js, HTML, CSS, Tailwind, Bootstrap, PHP, Firebase

Databases: MySQL, PostgreSQL, MongoDB

Machine Learning: NumPy, Pandas, OpenCV, Scikit-learn, Matplotlib, Pytorch

DevOps & Tools: Docker, Git/GitHub, Linux, Windows

Soft Skills: Teamwork, Communication, Critical Thinking, Time Management, Public Speaking

Projects

Fullstack E-Commerce Website — MERN Stack

Apr 2025

GitHub — Live Demo

- Designed and deployed a responsive e-commerce platform with RBAC and admin dashboard.
- Integrated payment methods and secure authentication.

Bike Service Management API — Express, TypeScript, Prisma, PostgreSQL

Apr 2025

GitHub — API

- Developed RESTful API with proper documentation and relational database design.
- Implemented authentication and CRUD endpoints following best practices.

OpenCourseware (OCWx) — React, Next.js, Tailwind
GitHub — Live

Jan 2022 – Present

- Built a platform to aggregate and access free online learning resources.
- Designed user-friendly UI to improve course discoverability.

BeIntelligent — MERN Stack
GitHub

Nov 2023

- Developed a Goodreads-like application for sharing and reviewing books.

Research

Context-Aware Visual Prompting for Autonomous Systems (UG Thesis) Jun 2024
– Present

Supervisors: Dr. Md. Golam Rabiul Alam, Md. Rafeed Rahman

- Research in computer vision focusing on deep learning and vision-language models (VLMs).
- Exploring adaptive visual prompting techniques to improve perception in dynamic environments.

Achievements

- Top 25 / 400 Teams (6%) – Code Samurai Hackathon, 2024
- Finalist (Top 10) – BRAC University Programming Contest, 2022 & 2023
- Finalist (Top 5) – Database Wizards, BRACU Computer Club, 2024
- Code Crash Finalist – IEEE CS BRACU, 2023

Certifications

- Fullstack Web Development Bootcamp – Programming Hero (May 2025)
- Intermediate SQL – Datacamp (Mar 2025)
- OOP in Java – Datacamp (Mar 2025)
- Python Fundamentals – Hackerrank (Aug 2021)

Languages

Bangla (Native), English (Fluent), Hindi (Fluent), Japanese (Learning)

Hobbies and Interests

Photography & Filmmaking, Traveling, Reading