

Mohammad Azmain Hossain Alfi

azmainalfi.aha@gmail.com | 01301754756

GitHub: github.com/azmainalfi22 | Username: azmainalfi22

Dhaka, Bangladesh



Personal Statement

Final-year CSE student at BRAC University with experience in full-stack web development, embedded systems, and government-led digital platforms. Skilled in Laravel, C/C++, and system design, with proven ability to deliver scalable projects like Chokh-e-Dekha (civic reporting platform) and TravelEase (travel booking app). Passionate about building impactful, user-focused solutions.

Experience

Product & Platform Intern

a2i – Muktopaath, ICT Division (Government of Bangladesh)
Dhaka, Bangladesh | **July 2024 – Present**

Education

Bachelor of Science in Computer Science and Engineering | BRAC University, Dhaka, Bangladesh

Credits Earned: 114 / 136 | Expected Graduation: May–June 2026

Relevant Coursework:

- Digital Logic Design (A) – Circuit fundamentals, logic gates, and sequential systems
- Automata and Computability (A) – Formal languages, automata, and computability theory
- VLSI Design (A-) – CMOS design, logic synthesis, and layout design
- Computer Interfacing (B) – Microcontroller programming, sensor integration, I2C communication
- System Analysis and Design (B+) – SDLC, use-case modeling, and project planning
- Algorithms (B) – Algorithm analysis, sorting/searching, dynamic programming
- Programming Language I & II (B) – Python and C fundamentals with problem-solving
- Linear Algebra & Fourier Analysis (A) – Vector spaces, transformations, signal processing
- Complex Variables & Laplace Transforms (A-) – Control system math and engineering applications
- Statistics and Probability (A) – Distributions, sampling, hypothesis testing
- English Composition I (A) – Academic writing, critical analysis, documentation

Projects | GitHub: github.com/azmainalfi22

Chokh-e-Dekha – Civic Issue Reporting Web Application

TravelEase – Full-Stack Travel Booking Web Application

Sensor-Controlled 4-DOF Robotic Arm – Gesture-Based Robotic Control

Operating Systems Projects – Shell & File System Development

Skills & Interests

Languages: Bengali (Native), English (Fluent), Hindi (Conversational), Urdu (Conversational).

Technical Skills: Python, C, Laravel, PHP, Java, Git, Arduino, Microcontrollers, Sensors, Microsoft Office, Excel (Data Handling), Shell Scripting.

Writing & Documentation: APA referencing, content writing, proofreading, editing, technical documentation.

Soft Skills: Teamwork, leadership, communication, adaptability, time management, problem-solving.

Interests: Cricket, Basketball, Content Creation Reels and Shorts, Story Writing, Painting, Videogames, Crypto.