

MD. ATIKUR RAHMAN

Full Stack Developer

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

American International University-Bangladesh (AIUB)

BSc in Computer Science and Engineering

- **CGPA:** 3.89/4.00 | **Major:** Computer Engineering (Network Security, CVPR, Signals)
- **Thesis:** Ongoing research in the Deep Learning domain.

Dhaka, Bangladesh

May 2022 – Jan 2026

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, HTML/CSS, SQL

Frontend: React.js, Next.js, Tailwind CSS

Backend: Node.js, Django, REST API, Postman

Databases: MongoDB, PostgreSQL, MySQL

Tools: Git, Docker, Linux, Supabase, Firebase

PROJECTS

Achol Computer | *React, Node.js, Express, Mongoose*

- Built an e-commerce platform with a separate **Admin Dashboard** for inventory management.
- Engineered secure authentication using **Refresh/Access token** rotation.
- [Live Site](#) | [Frontend Repo](#) | [Backend Repo](#)

Beingsmile | *MERN Stack, Firebase, Aamarpay*

- Launched a crowdfunding website featuring dedicated **User** and **Admin Dashboards** for campaign control.
- Implemented **Google Auth** via Firebase and secured backend API routes.
- [Live Site](#) | [Frontend Repo](#) | [Backend Repo](#)

Jontropati | *Next.js 15, Prisma, PostgreSQL, TypeScript, Zustand*

- Developed a full-featured e-commerce platform with product management, shopping cart, order processing, and role-based (Admin/Seller) dashboards.
- Engineered a type-safe backend architecture using Prisma ORM and PostgreSQL, integrated with Next.js App Router and Zustand for state management.
- [Live Site](#)

RELEVANT EXPERIENCE

Research Assistant

Advanced Machine Intelligence Research Lab

AMIR Lab

Aug 2025 – Current

- Conducting a Systematic Literature Review (SLR) on **Brain-Computer Interfaces (BCI)**.
- Developing a research paper on **Federated Learning**, focusing on decentralized model optimization.

Coding and Robotic Instructor

Frequency Lab

Frequency Lab

Feb 2025 – Current

- Designing curriculum and developing the official website integrated with e-commerce for component sales.

Coding and Robotic Instructor

The Tech Lab

The Tech Lab

May 2023 – Dec 2024

- Mentored over 150+ school students in programming and Arduino-based robotics.

PUBLICATIONS & ACHIEVEMENTS

Publication: "The X-SIEM Framework" - Presented at 28th ICCIT 2025 (ML & LLMs for Cyber Security).

Awards: Dean's Award (4x) | Academic Scholarship (Regular).

Competitive Programming: Codeforces Rating: 1009 (Max) - Handle: **bytehunter**

Certification: Complete Web Developer - Programming Hero (July 2024 - Jan 2025).

VOLUNTEERING

Achol Foundation: Creative Art (Video Editing) & Web Development Team.

Dawn Of Bioinformatics: Campus Coordinator (Content creation & workshops).

Grow Your Reader Foundation: Ambassador (Reading circles & book collection).