Arijit Roy

Final Year Computer Science Student

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Career Objective

Passionate full-stack developer (MERN) and final-year Computer Science student with a strong foundation in real-world project development and team collaboration. Seeking an entry-level software engineering role to solve meaningful problems using scalable web technologies, with a growth mindset and a hacker's resilience.

SKILLS

Expertise: JavaScript, React, Node.js, MongoDB, Express.js, HTML/CSS, Tailwind CSS, Python, ML, DL
Comfortable: REST APIs, Git, Arduino, Competitive Programming

PROJECTS

FloodGuard Aid Network (Live Link | GitHub Link)

- Built a disaster relief web app connecting flood victims with volunteers for a national hackathon
- Integrated geolocation, mapping, and image upload features to facilitate efficient aid distribution
- Ensured seamless data handling using **React**, **Node.js**, and **MongoDB**

AcademiaConnect (GitHub Link)

- Developed a university social platform enabling students to share posts, comment, build connections and a dynamic class schedule system allowing students to view their routines.
- Implemented user authentication, profile management, and friend request functionality
- Built using the MERN stack (**MongoDB**, **Express.js**, **React**, **Node.js**) with responsive UI design

Air Quality Monitoring System (GitHub Link)

- Developed an IoT project using Arduino to monitor air quality parameters in real-time
- Displayed data on OLED and fetched additional environmental information from OpenWeatherMap API
- Implemented a MERN-based system to visualize, analyze, and store sensor data

AcademiaConnectApp (GitHub Link)

- Developed a **React Native** + **Supabase mobile app** for university students and faculty to connect and manage academics.
- Key features: posts, comments, profiles, friend requests, real-time notifications, and schedule viewer
- Designed a **modern, glassmorphism-inspired UI**, ensuring responsiveness and smooth user experience

EDUCATION

BSc in Computer Science & Engineering - East Delta University, Chattogram - Sept 2022 - Sept 2026 - CGPA: 3.72

ACHIEVEMENTS

- ICPC Regional Contestant (Dhaka Site, 2024) – solved 4 problems in 5 hours
- Participated in a National Hackathon by Programming Hero
- UIU CSE Fest Programming Contest – solved 3 problems in 5 hours

ADDITIONAL ACTIVITIES

- Executive Member, **EDU Computer Club –** Organized workshops, coding sessions and tech events to promote software development skills among students