

# Arijit Roy

## Final Year Computer Science Student

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### Career Objective

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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

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**Expertise:** JavaScript, React, Node.js, MongoDB, Express.js, HTML/CSS, Tailwind CSS

**Comfortable:** REST APIs, Git, Arduino, Competitive Programming

### PROJECTS

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#### 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

### EDUCATION

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BSc in Computer Science & Engineering | East Delta University, Chattogram | Sept 2022 - Sept 2026

### ACHIEVEMENTS

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- 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

### LANGUAGES

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- English
- Bangla