

# Abu Sayed

434, TV Centre, Rampura, Dhaka, Bangladesh  
saikat25112000@gmail.com — +880 1878640229  
Portfolio — GitHub — LinkedIn

## Skills

---

**Programming Languages:** C++, Python, JavaScript  
**Frameworks:** React.js, Node.js, Express.js, Bootstrap, Tailwind CSS  
**Libraries:** NumPy  
**Software:** MongoDB, Firebase, Git, Github, Figma  
**Soft Skills:** Empathy, Resilience, Adaptability, Collaboration, Communication  
**Languages:** Bangla, English

## Education

---

**BSc in Computer Science and Engineering**, Independent University, Bangladesh 2020 – 2024  
Bashundhara R/A, Dhaka

## Projects

---

**Quiz App** *Self-project*  
This is a React and Firebase-based quiz app for testing knowledge across multiple topics.  
GitHub — Live Demo

**Sports Event** *Self-project*  
Built a "sport event" app with React, Firebase, DaisyUI, and Tailwind CSS, featuring football events, a shop, and Firebase login. GitHub — Live Demo

**Farm2Door** *IUB*  
For StartupIUB@CSE, I proposed "Farm2Door," an online platform linking farmers with buyers, featuring product management, real-time communication, and logistics optimization. Poster included in portfolio.

**IoT-Based System for Monitoring and Reducing Traffic Hazards** *IUB*  
Built using MQ7, MQ135, DHT11, and a sound sensor connected to an Arduino Uno R3, with cloud integration via ESP32. Powered by a 12V battery, it identifies hazards to enhance traffic safety.

**The Arduinox-1, A Pick and Place Robot** *Group project under CSE210-Electronics I* *IUB - 2022*

**The Arduinox-3, A Line Following Robot** *Group project under CSE204-DLD Course* *IUB - 2022*

**The Arduinox-4, A SoccerBot** *Group project under CSE310-Electronics II* *IUB - 2023*

## Extracurricular Activities

---

**Director of Operations**, IUB ACM Student Chapter 2022 – 2023  
**Member**, Bangladesh Scouts 2018

## Certifications & Awards

---

**CCNAv7: Introduction to Networks**, Cisco 2023  
**Live in Field Experience (LFE)**, Bagura RDA Sep - 2023  
**1st Runner-Up**, Line Following Robot competition, TechFest 2022 2022  
**1st Runner-Up**, Microprocessor Project Showcase, TechFest 2023 2023