Abu Sayed

434, Tv Centre, Rampura, Dhaka

+880 1878640229 | saikat25112000@gmail.com | saikat455.github.io/Saikat-portfolio/ | saikat455 | abusayed1

Skills

Soft Skills	Empathy, Resilience, Adaptability, Collaboration, Communication
Programming	C++, Python, JavaScript
Frameworks	React.js, Node.js, Express.js, Bootstrap, Tailwind CSS
Library	NumPy
Software	MongoDB, Firebase, Git, GitHub, Figma
Language	Bangla, English

Education

BSc in Computer Science and Engineering   *Bashundhara R/A, Dhaka*

INDEPENDENT UNIVERSITY, BANGLADESH   *2020-2024*

Projects

2024	**Quiz App**, CodeQuizzer is a React and Firebase-based quiz app for testing knowledge across multiple topics. [GitHub](https://github.com/saikat455/quiz-app) | [Live Demo](https://quiz-app-iota-blush.vercel.app/)	*Self-project*
2023	**Sports Event**, Built a "sport event" app with React, Firebase, DaisyUI, and Tailwind CSS, featuring football events, a shop, and Firebase login. [GitHub](https://github.com/saikat455/sports-event) | [Live Demo](https://sports-eventk.surge.sh/)	*Self-project*
2023	**Farm2Door**, 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.	*IUB*
2024	**IoT-based system for monitoring and reducing traffic hazards**, 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.	*IUB*
2022	**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-Digital Logic Design	*IUB*
2023	**The Arduinox-4, A SoccerBot**, Group project under CSE310-Electronics II	*IUB*

Training & Certifications, Awards

TRAINING & CERTIFICATIONS

Sep 7–17	**Live in Field Experience**, LFE-2023	*Bagura RDA*
2023	**CCNAv7**, Introduction To Networks	*Cisco*

AWARDS

2022	**1st Runner Up in Line Following Robot competition**, TechFest-2022	*IUB*
2023	**1st Runner Up in Microprocessor Project Showcase** , TechFest-2023	*IUB*

Extracurricular Activity

2022-2023	**IUB ACM Student Chapter**, Director, Operation	*IUB*
2018	**Bangladesh Scouts**, Member	*Cambrian College, Dhaka*