

# Abu Sayed

434, TV Centre, Rampura, Dhaka, Bangladesh

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## Skills

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**Programming Languages:** C++, Python, JavaScript, TypeScript

**Frameworks:** Next.js, Node.js, Express.js, Bootstrap, Tailwind CSS

**Libraries:** React.js, NumPy

**Software:** MongoDB, Firebase, Git, Github, Figma

**Soft Skills:** Empathy, Resilience, Adaptability, Collaboration, Communication

**Languages:** Bangla, English

## Education

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**BSc in Independent University, Bangladesh**

2020 – 2024

**Major:** Computer Science and Engineering (CSE)

**Minor:** Management Information Systems (MIS)

## Projects

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### Quiz App

Self-project

This is a React and Firebase-based quiz app for testing knowledge across multiple topics.

GitHub — Live Demo

### Kitchen Academy

Self-project

Kitchen Academi is an e-learning platform for cooking courses, developed using TypeScript and Next.js for an interactive and scalable educational experience. 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

Proposed 'Farm2Door' for StartupIUB@CSE: an online platform connecting farmers with buyers, including product management and logistics optimization. Poster in portfolio.

### IoT-Based System for Monitoring and Reducing Traffic Hazards

IUB

Built using MQ7, MQ135, DHT11, and a sound sensor with Arduino Uno R3 and ESP32 for cloud integration is powered by a 12V battery.

**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

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**Director of Operations,** IUB ACM Student Chapter

2022 – 2023

**Member,** Bangladesh Scouts

2018

## Certifications & Awards

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**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