FAYSAL MOHAMMED ABIR

A bright, highly motivated undergraduate student in Computer Science and Engineering, with vast knowledge in emerging technologies like blockchain, artificial intelligence, and the metaverse. Currently working on a thesis: Self-Sovereign Identity and its applications in the metaverse. In search of opportunities where I can apply technical expertise and leadership skills to make valuable contributions toward innovative projects for societal impact, I am very adaptable and can fit into any situation, and I have very strong communication skills. I also boast of experience and knowledge in business operations and marketing.

✉ faysalabir125@gmail.com   📞 +8801307106981   📍 L-30 Merul Badda,Dhaka   🔗 Portfolio

🔗 faysal2572

WORK EXPERIENCE

Rave Dynamics

Research Assistant   January 2024 - March 2025

- Developed a cutting-edge e-surveillance drone for military applications.
- Conducted in-depth research on drone development from design to deployment.
- Collaborated to design and implement advanced drone systems, increasing efficiency and reducing costs.
- Designed a proprietary drone navigation system, improving navigation accuracy and reducing latency.

EDUCATION

Dhaka Residential Model College,Dhaka

Higher Secondary Certificate (HSC) - 5.00/5.00   Jan 2014 - Aug 2020

Brac University

Bachelor of Computer Science and Engineering - 3.33/4.00   Jan 2022 - Running

"Bachelor's student in Computer Science and Engineering, currently pursuing a thesis on Self-Sovereign Identity (SSI) and the Metaverse."

PROJECTS

Surveillance Drone Prototype   Jan 2024 - March 2025

"Designed and developed an innovative drone prototype for surveillance purposes. Integrated advanced hardware and software to improve functionality and accessibility."

Edtech 🔗   March 2025 - May 2025

"This is a Learning Management System (LMS) with advanced features that make online learning easier and more effective. It helps teachers share lessons, track student progress, and improve interaction between students and teachers."

Missing person management system 🔗   January2025 - April2025

"This is a blockchain-based dApp for missing person management. It securely stores and shares information, making the process of tracking and finding missing individuals more transparent and efficient."

Watch Price Prediction 🔗

"This is a basic AI learning project that can predict watch prices."

Cafeteria Management System 🔗

"This is a cafeteria management system developed for the BRACU cafeteria. The project is built using the Laravel framework and utilizes an SQL database for efficient data management."

Inventory Management System 🔗

"This is a assumbly language project."

SKILLS

- Proficient in programming languages including Python, PHP, C++, and JavaScript.
- Fluent in English, Bangla, and Hindi languages.
- Experienced with blockchain and artificial intelligence technologies.
- Skilled in web development with expertise in HTML, CSS, React.js, Node.js, and Laravel.
- Proficient in managing databases such as MySQL and MongoDB.
- Familiar with version control using Git and microcontroller programming with Arduino.

LANGUAGE

English

Bangla

Hindi

AWARD

2nd Runners-Up in the National Math Olympiad (twice)

Result-based scholarship recipient at BRAC University

CUSTOM SECTION

- Participation and accolades in multiple robotics competitions.
- trying to build a E-commerce for a Computer Shop