SM FERDOUS AHMMED

House: 237/238, Road 5
Mirpur 2, Dhaka
📱 01743648510
✉ smferdousahmmed19@gmail.com

PROFILE

A proactive and adaptable individual with a strong inner drive to learn, grow, and contribute. I am at my best when faced with new challenges and unfamiliar environments, viewing them as opportunities to expand my capabilities. I am comfortable working independently or as part of a team, remaining flexible and reliable in any situation. My goal is to bring a positive, solution-oriented energy to a role where I can apply this adaptability and dedication to achieving results.

EDUCATION

2022–2026 **B.Sc. in Computer Science and Engineering (CSE)**, *Bangladesh University of Business and Technology (BUBT)*, Dhaka
Currently studying, expected graduation in 2026

2019–2021 **Higher Secondary Certificate (HSC)**, *Momena Ali Biggan School*, Rajshahi, GPA: 5.00 / 5.00

2017–2019 **Secondary School Certificate (SSC)**, *Momena Ali Biggan School*, Rajshahi, GPA: 5.00 / 5.00

WORK EXPERIENCE

Aug 2025–Present **Responsive Gaming Website**, *Personal Project*, Dhaka
- Developed and maintained a fully responsive, multi-section game landing page from a professional design concept.
- Collaborated with a design (myself) to translate UI mockups into high-quality, pixel-perfect HTML, CSS, and JavaScript.
- Implemented responsive design principles using modern CSS and Tailwind CSS to ensure a seamless experience on all devices, from mobile to desktop.
- Wrote custom JavaScript to handle interactive elements, including a mobile navigation menu and hover effects.
- **Skills:** HTML5 · CSS3 · Tailwind CSS · JavaScript · Responsive Web Design

Jan 2024–Apr 2024 **IoT-Based Smart Home Automation**, *Academic Project (BUBT)*, Dhaka
- Designed and prototyped a smart home system using an ESP32 microcontroller, relays, and various sensors (DHT11, PIR).
- Programmed the microcontroller in C++ (Arduino IDE) to read sensor data, process logic, and control home appliances.
- Implemented a real-time control dashboard using the Blynk mobile application for remote monitoring and control over Wi-Fi.
- Integrated Firebase Realtime Database to log sensor data (temperature, humidity) for historical analysis and visualization.
- **Skills:** IoT · C++ · Arduino IDE · ESP32 · Firebase · Blynk · Sensor Integration

SKILLS

Programming Languages C, C++, JavaScript, Python

Core Concepts	Data Structures, Algorithms, Database Management Systems (DBMS), Object-Oriented Programming (OOP)
Web Development	HTML5, CSS3, JavaScript (ES6+), Tailwind CSS, Daisy UI
IoT & Embedded	Microcontrollers (Arduino, ESP32), C++/MicroPython, Arduino IDE, Blynk
Databases	MySQL, Firebase (Realtime Database, Firestore)
Tools & Platforms	Git, GitHub, VS Code, Figma