

MD. Saadman Fuad

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Objective

Motivated Computer Science student at BRAC University with hands-on experience in full-stack web development, embedded systems, and game design. Skilled in programming, problem-solving, and database management. Seeking opportunities to contribute to innovative projects while developing software engineering skills.

Education

Bachelor of Science in Computer Science and Engineering

BRAC University, Dhaka, Bangladesh

Expected Graduation: January 2026

Technical Skills

Languages: Python, JavaScript, PHP, C/C++

Web Development: HTML, CSS, React.js, Express.js, Node.js

Databases: MySQL, MongoDB

Tools/IDEs: Git, GitHub, VS Code, PyCharm, Arduino IDE, Firebase

Other: OOP, Data Structures, Algorithms

Projects

Jibonjatra – A Community Web App for Local People's Day-to-Day Needs

Technologies: JavaScript, Express.js, React.js, Tailwind, Node.js, MongoDB, Mongoose

- Applied area-based searching for market items, daily commodities, home rent, and services.
- Created a social media platform where people can post about their life and local area updates.
- Integrated secure access and authentication using JWT.
- Implemented review and star rating mechanism for service providers.

 [GitHub](#) |  [Project Link](#)

Ki Khabo – Online Food Ordering Platform

Technologies: HTML, CSS, Tailwind, PHP, JavaScript, MySQL

- Developed a full-featured food ordering website with real-time admin dashboard for tracking orders, food count, and revenue.
- Implemented user-friendly search and filter functionality to browse and order food by name or category.

 [GitHub](#) |  [Project Link](#)

Gari Lagbe – Vehicle Booking Platform

Technologies: HTML, CSS, MySQL

- Created and managed database schema in MySQL using phpMyAdmin.
- Designed user interface using HTML and CSS for smooth booking experience.

 [GitHub](#) |  [Project Link](#)

Serpent Strike – 2D Snake Arcade Game

Technologies: Python, OpenGL (PyOpenGL), GLUT, GLU

- Developed play/pause and game-over interfaces using PyOpenGL.
- Implemented scoring logic, control button functionality, and shield mechanics.

 [GitHub](#)

Multi-Layer Smart Door Security System

Technologies: Arduino Uno, Arduino Nano, Fingerprint Sensor, RFID, Keypad, LCD

- Programmed multi-modal authentication (RFID, PIN, fingerprint) using Arduino Sketch.
- Integrated hardware components and controlled door locking mechanism via servo motor.

 [GitHub](#) |  [Video Demo](#)

Certifications

 Machine Learning Specialization – Coursera