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Objective

Computer Science and Engineering student at United International University with a focus on Full-Stack development and problem-solving. Seeking to apply technical skills in building practical web applications and robotics projects while further developing expertise in software engineering and algorithms.

Projects

Nibash (Smart Building Management)

[Github Repo](#) 

- Developed a centralized platform for owners and residents to manage billing, guests, and community operations.
- Integrated AI CCTV surveillance for motion detection and biometric face recognition gate access using OpenCV.
- Built automated utility billing with SSLCommerz and a Gemini AI-powered support chatbot for residents.

Assignment Cover Page Generator

[Live Project](#) 

- Created a web tool for students to make university assignment cover pages and download them as sharp, clear PDFs.
- Coded a real-time preview that automatically shrinks text to fit and a history section that saves previous work using localStorage.
- **Tools Used:** HTML, Tailwind CSS, JavaScript, html2pdf.js.

Co-Curricular Activities

Event Team Executive — UIU Robotics Club

United International University
2025 – Present

- Contribute to the planning and execution of robotics competitions and project showcases held every trimester.
- Handle event operations and coordinate with the team to organize scheduled activities on campus.

Contests & Achievements

United International University
2024 – present

- Achieved **2nd Runner-Up** position in the UIU Project Show for the Database Management course.
- Competed in the Line Following Robot (LFR) segment at the **UIU CSE Fest 2024** (National Round).
- Participated in the **UIU Hackday** 6-hour onsite hackathon to build a solution within the time limit.
- Competed in onsite programming contests including **Coder Combat** and **BeatCode 253**.

Education

United International University, BSc in Computer Science and Engineering

June 2024 – Present

GPA: 3.64/4.00 — **Courses:** DSA, OOP, SPL, DBMS, SAD

Year: 3rd — **Trimester:** 7th

Dhaka Commerce College, Higher Secondary Certificate (HSC)

2023

GPA: 5.00/5.00 — **Group:** Science

Monipur High School, Secondary School Certificate (SSC)

2021

GPA: 5.00/5.00 — **Group:** Science

Technologies

Languages & Databases: C, C++, Java, Python, JavaScript, PHP, MySQL, MongoDB

Frameworks & Tools: React, Next.js, Git bash, GitHub, VS Code