

Md. Abu Zihad

Student, Dept. of Computer Science and Engineering
Bangladesh University of Professionals

Email: azihad783@gmail.com | Phone: 01913871854 | LinkedIn: <https://www.linkedin.com/in/md-abu-zihad-27908a311/>
| GitHub: <https://github.com/AZtheE1>

EDUCATION

Bangladesh University of Professionals
B.Sc. in Computer Science and Engineering

Dhaka, Bangladesh
2023 – Present

CGPA: 3.85.00/4.00

Bogura Cantonment Public School & College
Higher Secondary Certificate (HSC) | Science Group
GPA: 5.00/5.00

Bogura, Bangladesh
2022

Bogura Cantonment Public School & College
Secondary School Certificate (SSC) | Science Group
GPA: 5.00/5.00

Bogura, Bangladesh
2020

TECHNICAL SKILLS

- **Languages:** Java, C, C++, Assembly (8086)
- **Database:** MySQL
- **Operating Systems:** Windows, Linux (Ubuntu, Kali Linux)
- **Tools & Version Control:** GitHub, Git

ACADEMIC PROJECTS

E-Voting System | Java, MySQL

- Developed a secure electronic voting desktop application to modernize traditional balloting processes.
- Implemented MySQL database integration to handle voter records and ensure data integrity.
- Designed a user-friendly interface using Java, reducing process complexity for end-users.

Monthly Cost Management System | C++

- Built a financial tracking tool to help users monitor daily expenses and manage monthly budgets.
- Utilized OOP principles in Java to ensure modular and scalable code architecture.

Home Finder App | Java, DSA, MySQL

- Built a property recommendation system using **Java** and Object-Oriented Programming (OOP) principles.
- Implemented **Dijkstra's Algorithm** to calculate shortest paths and identify the nearest properties to a user's desired location.
- Applied the **0/1 Knapsack Algorithm** to optimize property selection, maximizing amenities within a fixed rental budget.
- Designed efficient data storage solutions to manage landlord and tenant records.

TRAININGS & CERTIFICATIONS

Presentation Skill Development Course

- Completed a comprehensive training program focused on public speaking and visual aid design.
- Developed confidence in delivering technical presentations to diverse audiences.

SOFT SKILLS

- Leadership & Team Management
- Problem Solving & Algorithm Optimization
- Effective Communication

LANGUAGES

- **Bengali:** Native / Bilingual Proficiency
- **English:** Professional Working Proficiency