

Md. Abu Zihad

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EDUCATION

Bangladesh University of Professionals B.Sc. in Computer Science and Engineering <i>CGPA: 3.85.00/4.00</i>	Dhaka, Bangladesh 2023 – Present
Bogura Cantonment Public School & College Higher Secondary Certificate (HSC) Science Group <i>GPA: 5.00/5.00</i>	Bogura, Bangladesh 2022
Bogura Cantonment Public School & College Secondary School Certificate (SSC) Science Group <i>GPA: 5.00/5.00</i>	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