Tamanna Khatun
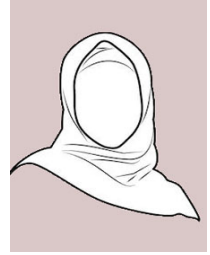
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PROFESSIONAL SUMMARY

Engineering student with experience in web development, machine learning projects, and a passion for academic research. Moderately skilled in programming, problem-solving, and project management.

EDUCATION

2022-2026 (Ongoing)	**BSc in Computer Science and Engineering** Major: Data Science Current CGPA: 3.91/4.00	**University of Liberal Arts Bangladesh**
2020	**Higher Secondary Certificate** Group: Science GPA: 5.00/5.00	**Akran High School**
2018	**Secondary School Certificate** Group: Science GPA: 4.78/5.00	**Akran High School**

EXPERIENCES

- **Teaching Assistant - Department of Computer Science & Engineering**

  University of Liberal Arts Bangladesh (ULAB)

  May 2025 - September 2025

TECHNICAL SKILLS

- **Programming Language**
  - C / C++
  - Java
  - Python

- **Web Development**
  - HTML
  - CSS
  - JavaScript
  - PHP

- **GUI**
  - PyQT5, PyQT6
  - Java Swing

- **Databases**
  - MySQL
  - MongoDB

- **Tools and Frameworks**
  - Node.js
  - Express.js
  - XAMPP
  - Git/GitHub

- **Documentation and Visualization**
  - LaTeX
  - LucidChart

PROJECTS

- **Student Performance Prediction Analysis:** A machine learning-based analysis project for predicting student academic performance using demographic, socio-economic, and academic attributes. Implemented classification and regression models, performed exploratory data analysis, evaluated algorithm performance with metrics, and identified key factors influencing outcomes to support early interventions.

  Google Colab Notebook: [Link]

- **Aromagic Glow:** A MERN-stack-based e-commerce website for customizable scented candles with features such as user authentication, product browsing, search/filter, wishlist, cart, and checkout. Implemented a dynamic customization panel (size, color, scent, design) with real-time price updates, secure data management, and responsive design.

  GitHub: [Link]

- **Simple VCMS:** The Simple VCMS (Veterinary Clinic Management System) is an application that efficiently manages a veterinary clinic's information. It allows clinic staff to take appointments and store the information of animals and their owners.

  GitHub: [[Link](#)]

- **Pharma Care:** Pharma Care is a Java-based application for efficient pharmaceutical management, assisting pharmacies with inventory, prescription management, sales tracking, and record-keeping. With a user-friendly interface and reliable backend, it addresses key needs in pharmacy operations, enhancing workflow and accuracy for small to medium-sized businesses.

  GitHub: [[Link](#)]

- **Online Book Store Management System:** The Online Book Store Management System is a platform that automates bookstore operations with a user-friendly interface for customers and administrators. It supports inventory management, order processing, and transactions, allowing easy browsing, searching, and purchasing of books. Administrators can seamlessly manage inventory, and the project, accessible on [Replit](#), features a well-structured codebase with essential bookstore functions.

  GitHub: [[Link](#)]

REFERENCES

Reference 1	Reference 2

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Yours Truly,

Tamanna Khatun

[Placeholder]

Signature