

M. A. Zubaer

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PROFILE STATEMENT

Aspiring AI/ML Engineer with hands-on experience in developing predictive and automation systems using Python, PyTorch, TensorFlow, and Scikit-learn. Skilled in NLP and LLMs, with practical experience in end-to-end model development, data analysis, and deployment of intelligent applications. Adept at managing technical projects, maintaining clear documentation, and preparing performance reports that support data-driven decision-making. Strong analytical, organizational, and teamwork abilities with a keen interest in project coordination, operational efficiency, and AI-driven innovation.

EXPERIENCE

Senior Executive of Human Resources

BRAC University Computer Club

Jan 2024 – Present
Dhaka, Bangladesh

- Managed HR operations, member recruitment, and documentation for the club.
- Assisted in organizing orientations, meetings, club events, tech competitions, and campaigns.
- Collaborated across departments to ensure smooth execution of events and seminars.

TECHNICAL SKILLS

Programming Languages: Python, Java, PHP, C, Javascript, Bash

Web & Frameworks: Flask, FastAPI, Laravel, Blade, HTML, CSS, Vue.js

Databases & Query Languages: SQL, MySQL, SQLite

Machine Learning & AI: Scikit-learn, PyTorch, TensorFlow

Data Handling & Analysis: NumPy, Pandas

Data Visualization: Seaborn, Matplotlib

Version Control & Tools: Git, GitHub, Linux Shell

SOFT SKILLS

- Strong communication and teamwork abilities
- Leadership and coordination in collaborative environments
- Problem-solving and critical thinking
- Adaptability and quick learning
- Time management and organizational efficiency
- Attention to detail and accountability

PROJECTS

Hybrid Log Classification System Python, FastAPI, BERT, Sentence Transformers, Groq LLM API, scikit-learn	Nov 2025
<ul style="list-style-type: none">Developed an adaptive log classification system combining regex, BERT, and LLMs for robust automation.Leveraged Sentence Transformers with Logistic Regression for complex patterns and Groq API for ambiguous logs, establishing a robust three-tier classification strategy.Reduced manual log review time by ~75% and achieved 98% classification accuracy on test data.	
Dhaka Property Price Prediction Python, Scikit-learn, Flask, JavaScript, HTML, CSS, Vercel	Oct 2025
<ul style="list-style-type: none">Developed an end-to-end ML web application to predict property prices in Dhaka using machine learning.Implemented data preprocessing, feature engineering, and regression modeling using Python and Scikit-learn.Deployed the app on Vercel, achieving <1s response time and 91%+ model accuracy on test data.	
Penpal – An Online Stationery Shop PHP, Laravel, Blade, and SQLite	Aug 2025
<ul style="list-style-type: none">Developed a full-stack e-commerce platform with dynamic product management and secure transactions.Implemented wishlist, cart, coupons, discounts and checkout system ensuring smooth online purchasing flow.Enhanced UX/UI, achieving seamless navigation and 100% mobile responsiveness.	
AutoEdge – Car Parts Ecommerce Platform PHP, HTML, CSS, MySQL	Nov 2024
<ul style="list-style-type: none">Developed a dynamic e-commerce platform for car parts with inventory, order, and cart management in a responsive UI.Optimized SQL queries and data handling, improving database performance by 40%.Integrated database-driven functionality to handle inventory, user data, and transactions efficiently.	

EDUCATION

BRAC University

Bachelor of Science in Computer Science

Dhaka, Bangladesh
2022 - Present

Rajshahi Collegiate School and College

Higher Secondary Certificate

Rajshahi, Bangladesh
2021

Rajshahi Collegiate School and College

Secondary School Certificate

Rajshahi, Bangladesh
2019