Md Estiak Rahman Ayon

DATA SCIENTIST

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CAREER OBJECTIVE

Motivated and detail-oriented Computer Science graduate with strong technical expertise in front-end development and data science. Skilled in building interactive web applications and applying machine learning models for data-driven solutions. Seeking an opportunity to leverage my technical skills in a challenging environment that encourages innovation, continuous learning, and professional growth.

SKILLS

Programming Languages: *Python, PHP, C++, C#, JavaScript, CSS*
Frameworks & Libraries: *React.js, Tailwind CSS, AJAX, OpenGL*
Data Science Tools: *Pandas, NumPy, Matplotlib, Scikit-learn*
Core Competencies:

- *Front-End Web Development*
- *Data Visualization & Analysis*
- *Data Cleaning & Preprocessing*
- *Machine Learning Model Development*
- *Database Management (MySQL)*

EDUCATION

Bachelor of Science in Computer Science| 2022-2026
American International University-Bangladesh

- CGPA: 3.5

Higher Secondary Certificate | 2019-2021
Shafipur Ideal Public School and College

- GPA: 5.00

RESEARCH EXPERIENCE

Loan Default Prediction Using Machine Learning
Presented at ICCIT 2025

- *Developed and compared ML models to predict bank loan default risks using real-world financial datasets. The paper highlights performance optimization through feature engineering and preprocessing techniques.*

PROJECTS

Restaurant Management System

- Developed a full-featured restaurant management system supporting customer, admin, and rider dashboards. Integrated order management, live data updates via AJAX, and secure login sessions using PHP and MySQL.

ATM Management System

- Built a desktop-based ATM simulator that handles user authentication, withdrawals, deposits, and balance tracking with file handling and data persistence.

Visualization of Aircraft

- Created an animated airport simulation consisting of multi-scene visuals — including aircraft movement, runway landings, and weather effects. Focused on scene rendering, camera movement, and event synchronization.

NOTABLE AWARDS

- Software Engineering Job Simulation, 2025
- Data Science Job Simulation, 2025