SADIA AFRIN ANIKA

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[Github](#) | [LinkedIn](#) | [Portfolio](#)

Career Objective

To contribute and grow in the field of Machine Learning by applying my skills and knowledge, tackling challenges, and taking
advance professionally.

EDUCATION

American International University-Bangladesh, Kuril

B.Sc in Computer Science and Engineering

Sep 2023 - Jan 2027 | CGPA 3.68/4.00

Focused on foundational and advanced concepts in computer science, including programming, algorithms, and software
development, with hands-on project experience.

Sabujbagh Govt. College, Sabujbagh

Higher School Certificate

Jul 2020 - Aug 2022 | GPA - 5.00/5.00

Completed Higher Secondary Education with a focus on academic excellence and personal development.

Achievements & Certifications

1. Completed Microsoft Learn Student Ambassador Technical Training Program

2.Alumna at Aspire Leadership Program , Harvard Business School

- **[Crash Course on Python](#)** - Coursera | Jan 14, 2024
- [Python Fundamentals](#) - Programming Hero | Nov 16, 2023
- [Aspire Leadership Program](#) - Harvard Business School | (May 23 - Aug 23)
- [Microsoft Learn Student Ambassador Program](#) - Microsoft | Dec 23
- [C++ Basics: Selection and Iteratio](#)n - Coursera | Jan 22, 2024
- [C++ Object Basics: Functions, Recursion, and Objects](#) Coursera | May 14, 2024
- [Generative AI Essentials: Overview and Impact](#) Coursera | Feb 18, 2024

Professional Growth

- Advancing knowledge in **Python** and **Machine Learning**.
- Working with **iSpark** as an ML enthusiast.
- Exploring **data structures and algorithms** to strengthen problem-solving skills in C++.
- Researching on **Machine Learning Models for Encrypted Malware Traffic Detection**.

Projects

- **Airline Reservation System** — Java Swing-based application for managing flight bookings and user registrations.

Skills

Technical Skills

- Python(Proficient): (pandas, numpy, data analysis)
- Linear Algebra, Calculus, Probability Theory
- C++ (Intermediate): (OOP, DSA)
- Java(Proficient): (OOP, Swing)
- Oracle Database (SQL)
- Machine Learning (model training, supervised learning)

Soft Skills

- Problem-solving, teamwork, communication, adaptability.

Extracurricular Activities

- Participated in the prestigious **Millennium Fellowship**, contributing to global development projects and gaining leadership experience

Language

- English , Bengali

Interests: AI, Machine Learning, AWS, Open-Source Projects, Creative Writing.