

Abu Sufian Robin

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Career Objective

Dedicated and innovative individual with strong experience in advanced research projects focused on AI technologies, cryptographic security, Full-Stack Development, and DevOps practices. Possessing a solid foundation in both academic research and practical implementation, I seek to contribute to a forward-thinking organization where I can apply my technical expertise, solve complex problems, and continuously grow as a technology professional.

Education

United International University

October 2022 – Present

BS in Computer Science

- **Current CGPA:** 3.19/4.0 ([Studentship Certificate](#) 📄)
- **Coursework:** Computer Architecture, Comparison of Various Learning Algorithms, Computational Theory

Higher Secondary School

Passing Year: 2022

Group: Science

Dr. Mahbubur Rahman Mollah College

- **GPA:** 5.00/5.00 ([HSC Certificate](#) 📄)
- **Board:** Dhaka
- **Coursework:** Physics, Chemistry, Higher Mathematics, Biology, English, Bangla, ICT

Projects

Data Prediction Project

[Project Details](#) 📄

- Implemented machine learning models for predictive analysis, including K-Nearest Neighbors (KNN) clustering and classification.
- Developed a Nave Bayes algorithm-based prediction system.
- Built Logistic Regression models for binary and multiclass classification tasks.
- Models based on accuracy, precision, and recall metrics evaluated.

E-Learning Management System (ELMS)

[Project Details](#) 📄

- Developed a dynamic web-based platform to manage users, classes, announcements, study materials, attendance, and counseling sessions.
- Implemented secure user authentication and role-based access for students, teachers, and administrators.
- Technologies used: PHP, JavaScript, SQL, HTML, CSS; Front-end built with Bootstrap framework.

Credit Card Fraud Detection System

[Project Details](#) 📄

- Designed a privacy-preserving fraud detection system using homomorphic encryption to secure financial data.
- Implemented deep learning models for accurate identification of fraudulent transactions.
- Integrated federated learning to enable secure decentralized model training without exposing sensitive customer information.
- Focused on achieving high detection accuracy while ensuring maximum data privacy compliance.
- **Status:** On going

QA Chat-bot for Educational Institution Website

- Developed an intelligent QA Chatbot system for educational institutions using the Meta Llama-3.1 8B-Instruct model.
- Integrated the chatbot through Hugging Face APIs to deliver accurate real-time responses to user queries.

- Tools used: Python, Hugging Face API, Llama-3.1 model.
- **Status:** *On going*

Technologies

Languages: C++, C, Java, Python, JavaScript (React Js, Node JS, Express JS), SQL

Technologies: XAMPP Local Server, Django, MongoDB, Google Firebase, Docker.

Skills

- MS PowerPoint *Certificate* [↗](#)
- Digital Security *Certificate* [↗](#)
- Cisco Networking *Certificate* [↗](#)
- IoT - Internet of Things *Certificate* [↗](#)
- AI/ML *Certificate* [↗](#)
- Facebook Marketing *Certificate* [↗](#)
- Leadership *Certificate* [↗](#)

Languages

- Bangla
- English *Certificate* [↗](#)

Extracurricular Activities

- Photography *Certificate* [↗](#)
- Campus Ambassador *Certificate* [↗](#)
- Fact-Checking *Certificate* [↗](#)
- Volunteer Activities