

Abu Sufian Robin

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Education

United International University

October 2022 – Feb 2026

BS in Computer Science

- **Current CGPA:** 3.24/4.0 ([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.

AgroLand E-Commerce Platform

[Project Details](#) 📄

- Designed and developed a full-stack agricultural web application connecting farmers, agribusinesses, and experts.
- Implemented AI-powered features including a chatbot (Meta LLaMA 3.1) and personalized crop/farming **AI Recommendations** using Random Forest and Logistic Regression.
- Built with React.js (frontend), Node.js/Express.js (backend), and Firebase (authentication & realtime database).
- Integrated APIs for weather forecasting, marketplace services, and equipment/storehouse rental.

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, PHP, C++, HTML.

Frameworks: React.js, Node.js, Express.js, Django, Tailwind CSS, Bootstrap.

Databases/Cloud/Tech-Stack: MySQL, AWS Service, 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* [↗](#)
- Red Hat System Administrator *Certificate* [↗](#)
- AWS Cloud Technical Essentials *Certificate* [↗](#)
- Full Stack Development *Certificate* [↗](#)

Languages

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

Extracurricular Activities

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