

ABDULLAH AL ALIF

Software Engineer (ML and AI powered smart Web Application)

Dhaka, Bangladesh

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

PROFESSIONAL SUMMARY

- Computer Science student with hands-on experience in **Python** and **JavaScript** programming, machine learning, and full-stack web development
- Completed practical coursework in **data visualization**, **preprocessing**, **supervised and unsupervised learning**, **deep learning**, and **large language models (LLMs)**, **Web Engineering (REST API, Full-stack web application)**
- Developed machine learning applications using **Flask** and showcased models through interactive interfaces built with **Streamlit**
- Built and deployed full-stack applications using **Django**, **Django REST Framework (DRF)**, and **React**, along with standalone **React** projects focused on frontend functionality
- Currently expanding backend expertise with **FastAPI**, **NextJs** and passionate about solving problems, collaborating effectively, and building impactful products

PROJECTS

RTO Prediction System: Built a Streamlit-based web app using XGBoost to predict the likelihood of e-commerce order returns.

Healthcare Cost Predictor: Developed a Streamlit-based web app for estimating healthcare costs based on demographic and health data.

Log Classification System: Created a Flask tool leveraging Regex, Logistic Regression, and LLMs to categorize system logs.

Employee Management System: Developed an admin and employee dashboard using React for managing organizational data.

Django Social Media App: Built a feature-rich platform with user authentication, profile management, and post interactions.

Diamonds Dataset EDA: Conducted exploratory data analysis on diamond pricing using visualization libraries.

Weather Wizard: Developed a weather application that fetches real-time weather data using the OpenWeatherMap API.

Calculator Project: Designed a responsive calculator UI using HTML, CSS, and vanilla JavaScript for a DSA course project.

Learning Management System (LMS): Engineered a role-based LMS using Django REST Framework and React, including course creation, purchasing, and an admin panel.

SKILLS

- **Programming Languages:** Python, JavaScript, HTML, CSS
- **Frameworks & Libraries:** Flask, Streamlit, FastAPI, Django, Django REST Framework, React, Bootstrap 5, Tailwind CSS
- **Machine Learning & AI:** Scikit-learn, TensorFlow, Data Preprocessing, Large Language Models (LLMs), Logistic Regression, XGBoost
- **Data Analysis & Visualization:** Pandas, Matplotlib, Seaborn
- **Databases:** PostgreSQL, SQLite
- **Tools & Technologies:** Git, REST APIs, Regex, JSON, Linux CLI

EDUCATION

Bachelor of Science in Computer Science and Engineering

International University of Business Agriculture and Technology (IUBAT), Dhaka
September 2022 – Present

LANGUAGES

English: Fluent

Bangla: Native

CERTIFICATES

Applied Machine Learning | BK-IAC, BUET

Full Stack Web Development | Ostad

Machine Learning with Python | EDGE Program

Intermediate to Advanced English | British Council