Ahamad ullah

YunnanUniversity,560500,Chenggong,Kunming,Yunnan, PRC.

+8613170637850 | anmdahamadullah@gmail.com | https://ahamad.scholariest.com

Objective

Aspiring software engineers passionate about Artificial Intelligence, Bioinformatics, and Software Development. Seeking admission to a Bachelor of Science in Software Engineering program to build a strong foundation in AI, data science, and computational biology. Dedicated to developing intelligent systems that advance personalized healthcare, education, and human well-being.

Education

Bachelor of Engineering (BE), Artificial Intelligent — ***Sep2024 – Sep 2027***
School of Computer Science and Technology, YunnanUniversity — *Kunming,China*

HigherSecondaryCertificate(HSC/ALIM), Science — ***2022 – 2023***
Bangladesh Madrasah Education Board — *Dhaka,Bangladesh*

SecondarySchoolCertificates(SSC/Dakhil), Science — ***2020 – 2021***
Bangladesh Madrasah Education Board — *Dhaka,Bangladesh*

Skills

- Programming Languages: C, Python, TS, JS
- Frameworks: NodeJs, ReactJs,NextJs,ViteJs, PyTorch (Learning)
- Databases & Tools: PostgreSQL, MongoDB, Git, GitHub
- Soft Skills: Problem-Solving, Project Management, Leadership, Adaptability, Time Management

Project Work

- **AI-Based Crop Recommendation System**
  - Developed a machine learning model using soil and climate parameters to recommend the most suitable crop for a given region. Implemented with open agricultural datasets and a web-based prediction interface to assist farmers in data-driven crop planning.
  - Tech: Python, Scikit-learn, Pandas, Streamlit, TailwindCSS

- **Crop Yield Prediction using Machine Learning**
  - Built a regression-based model to forecast crop yield using factors like rainfall, fertilizer usage, and cultivated area. Visualized trends and predictions through an interactive dashboard to support agricultural decision-making.
  - Tech: Python, Pandas, Scikit-learn, Plotly, Streamlit

- **Crop Disease Detection using Deep Learning**
  - Implemented a CNN-based image classification model trained on the PlantVillage dataset to identify and diagnose crop leaf diseases. Deployed a lightweight web tool allowing users to upload leaf images for real-time disease detection.
  - Tech: TensorFlow, Keras, OpenCV, Flask, HTML/CSS

- **Climate-Aware Crop Planning Dashboard**
  - Created a data visualization system integrating historical weather and crop yield data to analyze climate impacts on agriculture. Used time-series forecasting to predict optimal planting seasons and visualize future climate trends.
  - Tech: Python, Prophet, Pandas, Plotly, Streamlit

- **AI-Driven Smart Fertilizer Management System**
  - Designed a machine learningsystemto predictthe ideal fertilizer type and quantity based on soil nutrient data and crop type. Provided an interactive web dashboard to promote sustainable fertilizer use and reduce environmental impact.
  - Tech: Python, Scikit-learn, Flask, TailwindCSS

Training & Certifications

- Algorithms & Data Structures (Issued by Udemy) May 2021
- Microservices with Node JS and React (Issued by Udemy) Mar 2021
- CompleteMachine Learning &DataScienceBootcamp(Issued byUdemy) Mar2022
- Programming for Everybody (Getting Started with Python) — Coursera

Extracurricular Activities

- Science Club Member & Class Representative (2022–2023)
- Certificate of Participation & Performance – Divisional Badminton Championship 2023
- 2025 - Yunnan University "Cloud Cup" Badminton League (First Prize) May 2025
  - Sponsor: Yunnan University Sports Committee & Organized by the Youth League Committee of the school and the School of Physical Education Co-organized by: Yunnan University Badminton Association

Academic Interests

Artificial Intelligence & Machine Learning, Bioinformatics and Healthcare Technology, Personalized Learning Systems, and AI-based Protein Structure Prediction

Language & Test Scores

Bengali: Native, English: Intermediate, Chines: Beginner (HSK Lavel 3)

Reference

Md. Shabbir Jahan
ICT Lecturer,TamirulMillat Kamil Madrasah
+880 15211 07569|shabbirjahan25@gmail.com

Md. Sibgatullah
EnglishLecturer,Tamirul Millat Kamil Madrasah
+880 16315 57078