

MOHAMMAD

 AI Developer | Machine Learning Engineer

 Dhaka, Bangladesh |  +880 1835970623 |  mohammad70623@gmail.com

 [GitHub](#) |  [Linkedin](#) |  [LeetCode](#)

PROFILE SUMMARY

Aspiring AI/ML Engineer with hands-on experience in Machine Learning, Deep Learning, NLP, Computer Vision, Data Science, and Generative AI, passionate about building intelligent solutions to real-world problems.

TECHNICAL SKILLS

Artificial Intelligence & Machine Learning

- **Data Science:** Python, NumPy, Pandas, Matplotlib, Seaborn, scikit-learn.
- **Machine Learning:** Supervised & Unsupervised Learning, Regression, Classification, Clustering, Feature Engineering, Data Preprocessing & Feature Scaling, Model Evaluation
- **Deep Learning:** TensorFlow, Keras, Neural Networks (CNN, RNN, ANN, LSTM, Transformers).
- **NLP:** Tokenization, Embeddings, Text Classification, Vector Databases.
- **Computer Vision:** OpenCV
- **Generative AI:** Retrieval-Augmented Generation (RAG), Prompt Engineering, LLM Workflow Design, LangChain, Chatbots, STT, TTS
- **Time Series Analysis:** Trend detection, forecasting basics, LSTM-based time series modeling

Deployment : Docker, FastAPI

Programming:Python, Java, C, C++, JavaScript

Soft Skills: Team Collaboration, Communication, Problem Solving, Time Management

PROJECT:

1. **Fraud detection using machine learning** [Source](#)
-Python, Jupyter Notebook, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn.
 2. **Plant Disease Detection using Deep Learning** [Source](#)
-Jupyter Notebook, Python, NumPy, Pandas, Matplotlib, Seaborn, OpenCV, TensorFlow, Keras .
 3. **Emotion, Hate & Violence Detection in Text** [Source](#)
-Jupyter Notebook, Python, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, NLTK, TensorFlow, Keras.
 4. **Generative AI: Retrieval-Augmented Generation (RAG) Chatbot** [Source](#)
-Python, LangChain, HuggingFace Embeddings, FAISS, ChatGroq
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EDUCATION:

Daffodil International University,

B.Sc. in Software Engineering

(From 2023 to Running)

EXTRA INVOLVEMENT:

Active on GitHub and LeetCode with DSA Practice