




# MOHAMMAD

 **AI Developer | Machine Learning Engineer**

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

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## 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.

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## 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

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## 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)

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## EXTRA INVOLVEMENT:

Active on GitHub and LeetCode with DSA Practice