

# MUHAMMAD AHMAD

## MACHINE LEARNING ENGINEER

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### EDUCATION

#### Comsats University Lahore Campus

Bachelor of Science in Computer Science  
(2022-2026)

### SKILLS

- Python
- Machine Learning
- Deep Learning
- Natural Language Processing
- Hugging Face
- Tensorflow
- Pytorch
- Scikit Learn
- MERN Stack
- Flask

### CERTIFICATIONS

- Machine Learning Specialization from Coursera
- NLP Foundations Certification from ineuron.ai
- Backend Development from Coursera.
- React Certification from Coursera

### SUMMARY

Deeply passionate about Machine Learning and AI, with expertise in Deep Learning, Scikit-Learn, TensorFlow, and Hugging Face. Experienced in integrating the OpenAI API into projects. Keen on exploring Generative AI and staying updated on industry trends. Ready to contribute to cutting-edge solutions at the intersection of software development and artificial intelligence.

### PROJECTS

#### MBTI Classifier Hugging Face Transformers

- AI-powered personality classifier using Hugging Face BERT model on a custom dataset, powered with Flask on backend for Myers-Briggs Type Indicator (MBTI) classification.

#### Toxic Langage Detection Tensorflow

- Classify Brazilian Portuguese tweets in one of the two classes: toxics or non toxics using various NLP Techniques and LSTM as the Neural Network in Tensorflow

#### Transformer Implementation PyTorch

- Developed from scratch using PyTorch, this project implements the Transformer model, a pinnacle in NLP for tasks like translation and text generation.

#### AI Chatbot Open AI , MERN Stack

- An intelligent chatbot utilizing the Open AI API and built with the MERN Stack, featuring Node.js for the backend and React for the frontend.

#### Email Spam Detector Scikit Learn

- Web application using Flask and MultinomialNB Classifier to detect email spam, showcasing practical use of machine learning.