

Maqbool Ahmad

I am passionate and talented individual having proficiency in software development. I have ability to work with cross-functional teams and in agile and collaborative environment.

Academic Projects

AI based Math tutor (FYP)

A chatbot for ninth grade mathematics powered by Large Language Models and Langchain Agents. It generates step by step solution of maths problems and capable of generating unseen problem for students learning and practice.

Emotion Detection System

Developed an advanced emotion detection system leveraging Convolutional Neural Networks (CNN) to accurately identify and classify human emotions from facial expressions. This system demonstrates proficiency in machine learning, image processing, and neural network implementation. It is developed using tensorflow, keras and google colab notebook.

Whatsapp Chat Analyzer

It is an streamlit based application used to analyze end to end conversations and group conversations as well. It provides with different visualisations and statistics about each user in conversation.

Chat With Your Documents

In this project, using GPT 3.5 turbo API a question answering system about any document is developed. Through this, end user can interact with chatbot and ask any question about its document. It is developed using RAG technique and with help of langchain.

Educational Background

Bachelor of Science in Information Technology (BSIT)

Faculty of Computing and Information Technology (PUCIT-FCIT), University Of the Punjab
Aug 2020- June 2024

Faculty of science in Pre-Engineering (FSc)

Government College University (GCU)
Sep 2018 - Oct 2022

Contact

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Skills

Technical Skills

Data Preprocessing
Data Visualisations
Data Analytics
Scikit-Learn
TensorFlow/Keras
OpenCV
Numpy
Pandas
Jupyter Notebook
API Handling
LLM
Langchain
Model Building
Machine Learning Algorithms

Soft Skills

Critical Thinking
Attention to detail
Hardworking
Motivated Individual

Languages

English (Fluent)
Urdu (Fluent)
Arabic (Basic)

Certification/Short Courses

Artificial Intelligence Course
From Xeven Solutions.

100 Days Of Machine Learning
From CampusX.