Naqib Ahmad

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OBJECTIVE

Seeking a career in an AI technology-oriented industry to utilize my knowledge, skills, adaptability and teamwork.

EDUCATION

B.Sc in Software Engineering 2020-2024
Department of Software Engineering
Institute of Management Sciences, Peshawar, Pakistan
CGPA: 3.00(4.00)

FSC. Pre-engineering 2018-2020
Islamia College and University, Peshawar

Matriculation 2015-2018
Peshawar Model and College, Peshawar

SKILLS

- **Languages : C, C++, Java, Python, Solidity**
- **Tools: RemixIDE, Jupyter, Spyder, Netbeans, VSCode**
- **AI Tools: Gradient AI, Vext Portal, Langchain Framework, Google Colab**
- **Algorithm, Data Structure, AI, LLMOps, AI Fine Tuning**
- **General Skills: Teamwork, Leadership, Research, Communication**
- **Writing Skills: Creative Writing, Copywriting, Content Writing, Editing**

PROJECTS

- **NomadPK,** built a tourism recommendation application based on Pakistan, which is capable of recommending tourism destinations to tourists based on their personalized profiles.
  Algorithms Used: Collaborative AI, Content-Based AI.
  Technologies Used: Flutter, Google Collab, Firebase, Dart, Python,
  Team Members: Mohammad Umair Tariq, Mehmood Ahmed, Naqib Ahmad.
- **Chatbot using Open Source LLM,** A self-learning project, where a chatbot is developed using open source LLMs such as llama 2 or llama 3, which are stored locally on the device inside the Ollama library, which is then deployed using the help of Langchain and the data logs can be tracked using LangSmith.
  Technologies Used: Python, Langchain, LangSmith, Streamlit, Ollama, llama2.
- **Deployment of LLM as API,** A self-learning project, where open source LLMs are deployed as APIs with the help of FASTAPI and Langchain.
  Technologies Used: Python, Langchain, LangSmith, Streamlit, Ollama, llama2, Langserve, uvicorn, FASTAPI.
- **House Prediction Project,** An AI-based prediction project, that makes the use of Multiple Linear Regression to predict the future prices of houses based on the data fed to it.
  Technologies Used: Python, Pandas, sklearn
- **Salary Calculation,** An AI-based project for self-learning, that uses Polynomial Regression to predict the salaries of various employees.
  Technologies Used: Python, Pandas, sklearn
- **Hand Written Digit Recognition,** It is a machine learning model trained on a data set of mathematical digits that recognizes the handwritten digit given as an input in jpg.
  Technologies Used: Python, sklearn, matplotlib, pandas
- **IMDB Sentiment Analysis,** It is an NLP-based project that performs sentiment analysis for comments on IMDB Movies. RandomForest model is used which is trained using the bag of words scrapped from the comments.
  Technologies Used: Python, sklearn, Beautiful Soup, nltk
- **Fine Tuning LLAMA 2 7B With Gradient AI**
- **Fine Tuning LLAMA 2 7B With Vext Portal**
- **Fine Tuning Gemma using Google Colab**

EXPERIENCES

- **Experienced in Python programming**
- **Basic understanding of Solidity programming**
- **Training small Machine learning models**
- **Have experience of utilizing pre-built libraries for the training existing machine learning models**

- **Basic experience and understanding of Fine Tuning Large Language Models**
- **Basic understanding of Deployment of AI APIs using Langchain**

HOBBIES

- **Video Gaming**
- **Writing**
- **Reading**
- **Football**
- **Music**
- **Gym And Fitness**

CERTIFICATIONS

- **Artificial Intelligence Projects with Python from Udemy**
- **Prompt Engineering+ from Udemy**
- **Visual C++ Programming from Udemy**
- **GDSC Flutter Bootcamp**
- **Fundamental and Technical Crypto Analyst from Digital Learning Academy**
- **Leadership Certification from Foster Learning Pakistan**