Neeraj J

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GitHub: github.com/neerajj | Portfolio: neerajj.dev

Objective

Aspiring AI/ML Intern eager to contribute to intelligent chatbot development using LLMs, embeddings, and modern NLP tools. Passionate about building impactful AI applications in real-world domains like recruitment and HR tech.

Education

B.Tech in Computer Science

Government Engineering College, Thrissur

2020 - 2024 | CGPA: 8.3/10

Technical Skills

Languages: Python, SQL, JavaScript

Libraries/Frameworks: Streamlit, PyMuPDF, Hugging Face Transformers, FAISS, Scikit-learn, OpenAI API

ML/NLP Tools: Sentence Transformers, spaCy, NLTK, BERT, Mistral-7B, LangChain

Database: MongoDB, MySQL

Other Tools: Git, VS Code, Postman, Docker (basics)

Projects

IntelliHire - LLM-based Interview Chatbot

Streamlit + FAISS + Hugging Face + PDF Parsing

- Developed an AI interview assistant that reads resumes and job descriptions (PDFs)

- Used Hugging Face Inference API with Mistral-7B for question generation

- Implemented FAISS with sentence-transformers for chunk retrieval

- Built frontend using Streamlit for real-time Q&A interaction

Resume Summarizer + Job Match Tool

- Parsed resumes using PyMuPDF, generated summaries, and matched with job requirements

- Utilized embedding models for semantic similarity between resumes and JDs

Certifications

- Hugging Face Transformers - NLP Course

- Streamlit for ML Engineers - Coursera

- Introduction to AI by IBM

Experience

ML Intern - Dotcod Innovations (HireWalks Team)

May 2024 - Aug 2024 (Remote)

- Built components of an AI-driven interview assistant using NLP and LLM pipelines

- Developed Streamlit-based chatbot interface

- Worked with PDF parsing, embeddings, FAISS search, and memory modules

Achievements

- Top 5 finalist at Kerala Startup Mission's Hackathon 2023

- GitHub profile with 8+ personal ML/NLP projects

Declaration

I hereby declare that the above information is true to the best of my knowledge.