

SKILLS

- Excel
- Langchain
- Vector Database
- Restful Api's
- Prompt Engineering

PROGRAMMING

- Python
- Web Technology
- Java Script (Foundation)

SOFTWARE PACKAGE

- VsCode
- PyCharm
- Notebook
- Django

PERSONAL SKILLS

- Creative Spirit
- Reliable and Professional
- Organized
- Time Management
- Team Player
- Fast Learner
- Motivated

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DEVESH KUMAR

AI/ML Developer

I am dedicated to utilizing my expertise and abilities to generate substantial benefits for any organization I associate with. Concurrently, I seek to enhance my knowledge and creativity continually. I remain steadfast in my pursuit of career advancement as I move ahead.

Experience

Nov'22 - Nov'23

Associate Software Engineer

HESTABIT TECHNOLOGIES PVT. LTD. : Noida

During my tenure at Hestabit Technologies in Noida from November 2022 to November 2023, I swiftly progressed to an Associate Software Engineer. In this role, I actively engaged with a variety of projects, showcasing my versatility and adaptability. My responsibilities included contributing to the development and implementation of diverse software projects. I gained valuable hands-on experience and honed my skills in software engineering practices. This rapid promotion and exposure to different projects allowed me to enhance my proficiency and contribute effectively to the team.

PROJECT #1 : NoteKeeper

Technologies : Django ,Whisper(STT) ,Sqlite3 ,Mail Service

Designed and implemented a user-centric system where authenticated users can access saved notes upon login. Developed a user-friendly interface enabling the creation of new notes, with an added feature allowing users to seamlessly send notes to specified email addresses.

- Developed the front end of the project using the Django framework.
- Implemented a backend utilizing Whisper for speech-to-text functionality.
- Successfully managed multiple sessions, enhancing project scalability.
- Utilized SQLite3 database for efficient data storage and management.
- Demonstrated proficiency in integrating various components to create a cohesive and functional web application.

PROJECT #2 : Summarization Tool

Technologies : Langchain ,VectorDatabase ,OpenAI

Engineered a dynamic summarization tool, seamlessly loading data from Excel, CSV, and YouTube transcripts (SRT). Employed loaders for efficient data ingestion, applied chunking for vector database storage, and crafted a prompt-based system for extracting answers. Proficiently managed diverse data sources, optimizing the summarization process for enhanced efficiency and effectiveness.

- Created a summarization tool for the project using langchain, OpenAI, and Weaviate vector database.
- Integrated langchain for language processing, OpenAI for AI capabilities, and Weaviate for efficient vector database management.
- Designed and implemented the tool, optimizing project efficiency.
- Showcased adeptness in merging diverse technologies to achieve project goals.
- Advanced natural language processing and AI capabilities within the project.

PROJECT #3 : Customer Support ChatBot

Technologies : Langchain ,VectorDatabase ,Sql ,Flask-API's

Crafted an innovative API bridging front-end to back-end, seamlessly integrating vector search to enhance query responses. Leveraged ChatGPT to extract valuable insights from similar data, presenting four key elements on the front end. Simultaneously, orchestrated real-time feeding into an SQL database for comprehensive data management.

- Implemented a CSV loader using Langchain for efficient loading of data in the project.
- Utilized Faiss vector database for indexing and retrieval of information, enhancing search capabilities.
- Integrated OpenAI to provide advanced functionalities and features, contributing to the project's overall intelligence.
- Real-time feeding of processed data into an SQL database for seamless and up-to-date information storage.

PROJECT #4 : Question-Answering ChatBot

Technologies:Web Scrapping,Langchain,VectorDatabase,Flask-API

Conducted web scraping on three sites, organized data using chunking, and fed it into a vector database. Calculated similarity scores with user queries, improving GPT-generated responses. Contributed to a streamlined and context-aware question-answering system.

- Performed web scraping on three sites for data extraction.
- Integrated the extracted data into a Pinecone vector database for streamlined storage.
- Implemented question-answering processes using the enriched dataset.
- Demonstrated expertise in data pipeline management and analysis.
- Utilized extracted data for efficient question answering within the project.

PROJECT #5 : Pubmed Search Application

Technologies :Web Scrapping,Langchain,VectorDatabase,

Implemented a cutting-edge feature in the project enabling keyword-based article scraping and PDF download. Applied a GPT module to extract and showcase treatment, condition, and database details from the downloaded PDFs on the frontend. This enhancement significantly elevates the project's capability to provide relevant and insightful information.

- Upgraded project functionality by integrating a GPT module for modifications.
- Researched and strategically implemented the GPT module.
- Expanded data structure with the addition of treatment, condition, and database columns.

ACADEMIC HISTORY :

- CBSE Board
 - a. 12th Kendriya Vidyalaya, Pushp Vihar ,70% 2015-16
- Graduation: Bachelor's in Commerce ,2016-19
- Post Graduation: Master's in Commerce , 2020-22
- Data Scientist Couse With AI From Naresh IT, Hyderabad