

Dhiraj Talwar/(Python)

Professional Summary

- Total experience of 1+ years in python programming
- Proficient in python, JavaScript and other Development Tools
- Highly motivated individual with good technical and analytical skills
- Ability to work well in both a team environment and individually.

Technical Competencies

- Languages: Python, JS
- Frameworks: Django, Flask, Fastapi
- Frontend: HTML, CSS, JavaScript, React
- Database: ElasticSearch, MongoDB
- Integration: Restful API
- Tools: Git/Github, Aws
- Other Skills: OpenCV, NLP, Deep Learning

Work Experience

April 2022 – To Present

Legal Chatbot: Chatbot for answering legal queries, based on Openai api and Langchain (a framework for developing applications powered by language models)

PLATFORM: Ubuntu

LANGUAGE: Python, JavaScript, React

TOOLS: Langchain, openai

DATABASE: Vectorstores

Job roles and responsibilities:

- Led the development of a legal chatbot project utilizing FastAPI, sockets, and React.
- Integrated Langchain, a framework for building language model-powered applications, to enhance the chatbot's language processing capabilities.
- Implemented the Vectorstore database to store and retrieve relevant data for improved chatbot performance.
- Leveraged the GPT-3.5 API for generating accurate and contextually

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appropriate responses within the chatbot.

- Solely responsible for the end-to-end development of the project, showcasing strong project management and technical skills.

Neutron: Web Application to build,manage and handle all legal Documents

PLATFORM: Ubuntu
LANGUAGE: Python,JavaScript
TOOLS: AWS
DATABASE: ElasticSearch

Job roles and responsibilities:

- Responsible for Development of api's and addition of new functionalities along with bug fixing
- Developing Api's using Flask and using BotoCore to Manage Aws

CheckFerret: App to detect Fake News

PLATFORM: Ubuntu
LANGUAGE: Python
TOOLS: Ray
DATABASE: MongoDB

Job roles and responsibilities:

- Responsible for Managing Ray Clusters and running Ray Jobs along with Fixing of Code
- Build and Launched Ray Clusters,Construction Metrics for model prediction, Optimization and automation of python code

Library Management System

A library Management System is a website that helps in maintaining the record of new and borrowed books. Website is implemented using ReactJS which fetches the

data from the django server using rest api.

PLATFORM: Ubuntu

LANGUAGE: Python

LIBRARY: React

DATABASE: MongoDB

Job roles and responsibilities:

- Responsible for Development of api and frontend using react
- Build Logics to add, delete, update, rent, return books

Smart Restaurants

A django based website which is dedicated to improve the customer experience and reduce manpower. Customers can order food from the table, make payments, and review food using the app.

Educational Qualifications

Under-Graduate: Bachelors in Technology, Information Technology(B. Tech – IT