

VIGNESHKUMAR D

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EDUCATION

📍 Chennai, India

BE, Computer Science and Engineering

2020 – 2024

Adhiparasakthi Engineering College

CGPA : 8.88 / 10

INTERNSHIP EXPERIENCE

Shiash Info Tech Private Limited- Machine Learning

07/2024 – 10/2024 | In Office

As a fresher, I completed a 3-month internship focused on developing foundational machine learning skills and applying them to real-world projects. During this time, I gained hands-on experience in various stages of the machine learning workflow, including data preprocessing, model development, and evaluation.

I worked on projects implementing algorithms like Linear Regression and Decision Trees, optimizing models for better performance.

Gain valuable **hands-on experience** in Machine Learning within a dynamic and collaborative environment.

PROJECTS

PDF Chatbot with Ollama, LLM

<https://github.com/Vicky200204/PdfChatbot>

2024

- PDF Chatbot with **Ollama** is a Streamlit-based web application that combines PDF text extraction with conversational AI using **LLM**.
- Users can upload a PDF file and ask questions about its content through a chatbot interface. The chatbot is powered by the **Ollama large language model**, providing context-aware and detailed responses.
- This project is ideal for users looking to explore conversational **AI applications**, especially for document-based question-answering systems.

SQL Chatbot with ollama, LLM

https://github.com/Vicky200204/SQL_chatbot_LLM/tree/main

2023

- An SQL Chatbot powered by **Ollama and LLMs** enables users to query databases using **natural language**. The chatbot interprets plain English commands, translates them into SQL, executes queries, and presents results in a user-friendly format.
- It supports multi-database connections and includes features like query validation, error handling, and context-aware conversations. **Ollama** ensures efficient deployment, while the **LLM** handles language understanding

Automated-Weather-Classification, Transfer Learning

<https://github.com/Vicky200204/Automated-Weather-Classification>

2023

- Develop and execute comprehensive **marketing strategies** and campaigns that align with the company's goals and **Transfer learning** can be used to automate weather classification by using **pre-trained models** from other tasks to extract features from meteorological data.
- This approach can improve classification **accuracy** and speed up model training. Transfer learning can also create **image classification** solutions using small datasets.

SKILLS

- Languages** : Basics of Machine Learning[ML], Python, LLM, and llama_index & Langchain (RAG)
- Tools** : GitHub, Adobe Express, Canva, VSCode.
- Web Development** : HTML5 CSS3, JavaScript.

ACHIEVEMENTS

- 68% in the TCS **National Qualifier Test- COGNITIVE**
- FOSSEE QGIS at IIT Bombay (**Runner**)
- Joint Secretary of the CSI (Computer Society Of India) organization