# CONTACT

Data Scientist

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# EDUCATION

B.E

Mechatronics

Kongu Engineering College July 2019 - May 2023

Erode, TN

# SKILLS

Programming: Python (Scikit-learn,

Pandas), SQL,Streamlit

Data Visulization:Matplotlib, MS Excel,

Plotly

Modeling: Logistic regression, linear regression, decition trees

Databases: Postgres, MongoDB,

MySQL

# LANGUAGES

Tamil : Proficient(Read,Write,Speak)

English : Proficient(Read,Write,Speak)

German : Beginner(Read,Write ,Speak)

# PROJECTS

## Text To Image

Used dall - e a generative ai model from open ai and made a user interface using streamlit

This app get input as a prompt which is then passed to the model and the model converts the text prompt into images

And then the model was uploaded into streamlit community cloud for the user to get the full experience

## Langchain combined with openai

This project works with openai and langchain as a wrapper

The model gets a pdf as a file input from the user and then converts the pdf file into text and then the texts are converted into chunks

These chunks are then embedded by openai embedding and stored in a knowledge base and when the prompts any questions related to the pdf the bot converts the user prompt into embeddings and compares it with the data which is stored in the knowledge base and using FAISS(Facebook AI Similarity Search)it searches and gives the user with a best ranked result

## Voice assistant Openai

This project works with openai and special features from python

This model gets the voice from the user and converts it into text which is then sent to the chatgpt LLM and then the answer for the users question is returned both by text and a voice from assistant itself

It also has some special features to play with like open your favorite games,playing songs from youtube,texting a friend from whatsapp etc