

Mayur Dabade

+91 7385979133 | mayur.dabade21@vit.edu | LinkedIn | github.com/mayurd8862

EDUCATION

Vishwakarma Institute of Technology, Pune <i>B.Tech, Artificial Intelligence and Data Science</i>	2021 – present CGPA : 8.52
Chaitanya's International School, Baramati, Pune <i>Class 12th, HSC</i>	2021 Percentage : 91
Shri Firangai Mata Vidyalaya, Kurkumbh, Pune <i>Class 10th, SSC</i>	2019 Percentage : 93.40

TECHNICAL SKILLS

Programming Languages: Python, C++, SQL, HTML, CSS

Tools: VScode, Git, Github, Streamlit, Langchain, CrewAI, Docker, AWS, LLMs, Groq, HuggingFace, DVC, MLflow, MongoDB

Libraries: NumPy, Pandas, Scikit-learn, Matplotlib

PROJECTS

BrainWave: Empowering Your Knowledge Base [GitHub](#)

Generative AI project

- Developed LLM- powered web app, useful for **students and researchers** to manage their projects.
- Empowering users with seamless document chat, chat with websites, document summarization, and note-making capabilities at one place.
- **Technologies and Tools** – Google Gemini, Groq, Langchain, FAISS, Streamlit, MongoDB

FileSense: Semantic File Renamer [GitHub](#)

Generative AI project

- Developed FileSense, that analyzes document and image contents to provide intuitive file names **within a few seconds**
- Supported a wide range of file formats including **PDFs, TXTs, audio, DOCX, and more.**
- Released the FileSense Python package on **PyPI**, which can be installed using pip.
- **Technologies and Tools** – Python, Google Gemini, Github, Langchain, Streamlit

DreamMinds: Transforming Dreams into Stunning Visual Stories [GitHub](#)

Generative AI Project

- Developed DreamMinds to convert your dream descriptions into captivating stories with stunning images **in minutes.**
- Generates unique images based on the dream story to bring your dreams to life.
- Created a user-friendly interface for seamless input of dreams and generation of visual stories.
- **Technologies and Tools** – Python, HuggingFace, Flux (text to image model), Streamlit, Google Gemini, Langchain, Github

EXPERIENCE

AI and Data Science Intern July 2024 – present

HTS Tech Solutions, Pune

- Developing a 3D model of a mobile tower using drone-captured images from various angles to measure the distance between different parts of the tower. Implementing rust detection algorithms to assess the tower's condition and ensure safety.

CERTIFICATIONS

- Generative AI for Everyone, DeepLearning.AI
- Machine Learning Specialization, Stanford University / DeepLearning.AI
- Fundamentals of Deep Learning, Nvidia
- Neural Networks and Deep Learning, DeepLearning.AI