Jatin Jangid

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TECHNICAL SKILLS

- **Programming Languages** : Python, SQL, C, Javascript
- **Machine Learning :** Pandas, Numpy, Scikit-Learn, PyTorch, TensorFlow, NLTK, Spacy, OpenCV.
- **Development & Version Control :** Git, MLflow, Docker.
- **Generative AI :** Langchain, Gemini, OpenAI, HuggingFace.
- **Web Development :** HTML, CSS, FastAPI, Streamlit.
- **Data Visualization & Microsoft Tools** : Seaborn, Matplotlib, Tableau, Excel, PowerPoint, Word.

PROJECTS

AI - Assistant J.A.R.V.I.S

TECH STACK : pyaudio, numpy, SpeechRecognition, langchain, playsound, pillow, GEMINI

- J.A.R.V.I.S is an GEMINI powered personal AI Assistant which can have fluent voice conversations with you and can open different applications from voice commands.

AI-Tutor (Gen-AI)

TECH STACK : Python, Gemini-pro, Langchain, Streamlit, PyPDF2, Github, CSS

- A LLM (Google's Gemini) powered tutor application which takes study materials (PDFs) from users and uses the content in the PDF to create MCQs and conduct the same as a test and also provides the user the score obtained from the test and also assists with right explanations to the answers.

Rain Prediction

TECH STACK : Python, Pandas, Tensorflow, Scikit-learn, Mlflow, Streamlit, Docker, Github, was trained using historical data to predict the possibility of rain and it was deployed to AWS EC2 instance creating a CI/CD pipeline.

CERTIFICATIONS

- **Coursera: Machine Learning Specialization**
- **Coursera: Deep Learning Specialization - DeepLearning.AI**

- **swami vivekanand subharti university**   *(july 2023 - May 2026)*
  Bachelors in Computer Application