



Hrishikesh Kalola

Roll No.: 21BCP346

BTech

Computer Science and Engineering

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[GitHub](#)

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EDUCATION

- Pandit Deendayal Energy University** 2025
Btech in Computer Science and Engineering CGPA: 9.19
- Kokilaben Dhirubhai Ambani Reliance Foundation School, Gujarat** 2021
CBSE XII Percentage: 92.4%
- Kokilaben Dhirubhai Ambani Vidya Mandir, Gujarat** 2019
CBSE X Percentage: 97%

EXPERIENCE / INTERNSHIP

- PGAGI - AI/ML Intern** May'24- Aug'24 | Ahmedabad,Gujarat
 - Deployed and maintained custom software on Google Cloud Platform, using docker containerisation. Utilized the Gcloud CLI for streamlined management of docker images. Managed the image versions using the Google Artifact Repositories. Deployed the docker images on the Google Cloud Run platform. Technologies used - Docker, GCP, Google Cloud CLI
 - Worked on an AI-RAG system for a client which increased their sales by 11%. Technologies used - LangChain, OpenAI, FAISS
 - Worked on a custom text data AI generator for a client. Technologies used - DSPy, OpenAI
- Reliance Industries Limited - Summer Intern** Jun- Jul'23 | Jamnagar,Gujarat
 - Developed employees' portal. – Maintenance of existing websites.
- Devtown - Design Intern** Aug'22- Aug'23 | Bangalore, Karnataka
 - Made course presentations. – Designing and managing Devtown's instagram page.

PROJECTS

- SearchGPT ([GitHub](#))** Aug'24
Developed a customized version of OpenAI's SearchGPT, integrating AI-driven web search, content extraction, FAISS retrieval, and RAG-based summarization for enhanced information delivery.
 - Groq, llama3-8b, FAISS, RAG, Selenium, Langchain
- Video to text and text summarization ([GitHub](#), [Kaggle](#))** Mar-April'24
The motivation behind the project -instead of watching hours of long video tutorials, just upload the video/audio to our application and get the summary of the content.
 - OpenAI whisper, Huggingface transformers, Facebook BART
- Chat-Gemini ([GitHub](#))** Dec'23-Jan'24
Chat-Gemini, using Google's Gemini, excels in text generation, translation, and question answering.
 - Generative AI, LLM, Image recognition
- Realtime Video Chat Application ([GitHub](#))** Feb-Mar'24
Built application with Django framework, incorporating Agora RTC for real-time video calling.
 - Django, AgoraRTC

TECHNICAL SKILLS AND INTERESTS

Programming Languages: Python, JS, Java(intermediate), C++(basic), Scala(basic)

Developer Tools: Docker, Google Cloud, Pycharm, Colab, Heroku, SupaBase, Databricks, Linux, Windows, Oracle VirtualBox, FAISS, OpenAI, Transformers, GAN, Stable-Diffusion, Groq

Frameworks: LangChain, LlamaIndex, DSPy, Streamlit, Node, Ollama

Soft Skills: Leadership, Management Skills, Team player, Confident, Passionate, quick learner, empathetic

Coursework: AI, BigData, Cloud Computing, Computer Networks

Areas of Interest: Machine Learning / AI, Neural Networks, Artificial General Intelligence, Computer vision, DevOPs, MLOPs, Cloud

POSITIONS OF RESPONSIBILITY

Chief Coordinator, Anirveda - lead a team of 45 to conduct successful events

Sponsorship Executive, TedXPDEU- pitching event to sponsors , raised ₹60k-100k for the same.

ACHIEVEMENTS

State Badminton Player - 2020

Runners up CBSE district model making - 2021

Silver Medalist IIMUN - 2021

Certificates

- Udemy** Machine Learning A-Z: AI, Python & R Dec 30, 2023
- AWS Cloud Practitioner (trained)
- NPTEL : Understanding Incubation and Entrepreneurship April 2024