



Summary

Highly motivated **Ai&ML Enthusiast** with expertise in **building intelligent systems**. Proven ability to design and deploy ML models for tasks like **emotion recognition** and **client projects**. Seeking an **Internship** to tackle **real-world problems** using cutting-edge AI.

Education

Degree	Institute/Board	CGPA/%	Year
B.E CSE (AI&DS)	Osmania University, Hyderabad	7.7 (Current)	2021-2025
Intermediate	St.Marys Junior College TSBIE Board	75%	2021
Secondary	Loyola School SSC Board	75%	2019

Training & Intern

i-Neuron Full Stack Data Science with Generative Ai (One Year Bootcamp)

Dec 2023 - Jan 2025

Data Science Trainee Intern

- **Project Role:** Worked on a client-based *US Visa Approval Prediction* project using MLOps.
- **Skills:** Gained experience in Python, statistics, ML, and DL, using tools like **Evidently AI**, **Optuna**, **MongoDB**, **GitHub Actions**, **AWS (EC2 & S3)**, and **Docker**.
- **Achievements:** Achieved **96% accuracy** with **KNN** after hyperparameter tuning.

Projects

US Visa Approval Prediction

Apr 2024 - June 2024

Python, Scikit-Learn, Machine Learning, MLOps, Docker, AWS

[Code](#) | [Deploy](#)

- Built an **ML model** for **OFLC** to automate screening process of **2 million visa applications** reducing manual effort.
- Developed an **end-to-end pipeline** covering **data ingestion**, **feature engineering**, and **training** with **Evidently AI**.
- Performed **hyperparameter tuning** on a **KNN model** using **Optuna** and used **GitHub Actions** to achieve **96% accuracy**.
- **Containerized** the app with **Docker** and deployed on **AWS EC2** with **S3**.

Facial Emotion Recognizer

July 2024 - Aug 2024

Python, TensorFlow, Keras, ResNet50v2, Gradio, Hugging Face

[Code](#) | [Deploy](#)

- Developed a **facial emotion recognition model** using **CNN architectures** like **VGG16**, **ResNet50v2**, and **Custom CNN**.
- Trained on **CK+**, **FER datasets** and **web-scraped images** with **data augmentation**.
- Deployed on **Hugging Face Spaces** and **Gradio**, achieving **86.78% accuracy**.

Smart Document Analyzer

Nov 2024 - Dec 2024

Python, Streamlit, LangChain, RAG, Google APIs

[Code](#) | [Deploy](#)

- Built an **AI-powered document analysis tool** using **Gemini API**, **Google Search API**, **YouTube API**, and **Vision API**.
- Integrated **LangChain** and **RAG** for conversational AI across PDFs.
- Implemented **PDF Summarization**, **Quiz Generation**, and **Image Captioning**.
- Deployed an **interactive web app** using **Streamlit**.

Technical Skills

- **Programming:** Python, Java.
- **Ai & ML Tools:** NumPy, Pandas, Scikit-learn, SQL, Pytorch, Langchain.
- **Data Visualization:** Matplotlib, Seaborn, Plotly.
- **Web Frameworks:** FastApi, Streamlit.
- **OS:** Windows.
- **Cloud Tools:** Aws.

Certifications

- Certified in Cloud Virtual Internship with hands on cloud deployment experience

[Certificate](#)

Achievements

- Lead a Team on **Club Activity in Data Hive** in College Taught about Data Science.
- Participant, **HACKFORGE Hackathon** Competed in a final round of hackathon, shortlisted among the **top 36 teams out of 120 teams**.
- Attained a 5-star Python rating on HackerRank.