

## CAREER OBJECTIVE

Data Science and Machine Learning student with hands-on experience developing and deploying NLP models using Python, PyTorch, and Hugging Face. Proven ability to contribute to the end-to-end product lifecycle, with successful projects in insurance fraud detection and LLM-based query engines. Eager to apply skills in machine learning

## INTERNSHIPS

### Ceeras Software Solution-Intern(Remote)

Nov2024 - Jan2025

- Achieved a 45% improvement in UI responsiveness by developing and styling five key React components.
- Reduced user bounce rate through visually appealing, accessible, and mobile-first web pages.
- Collaborated in agile sprints to enhance product usability and design consistency across the platform.

### Syncner – Intern(Hybrid)

Jul2025 – Present

- Boosted model efficiency by 35% by engineering and deploying NLP pipelines using Hugging Face and PyTorch.
- Enhanced meeting experience with a real-time translation and TTS system integrated into live sessions.
- Accelerated product release by automating dataset preprocessing and evaluation workflows.

## TECHNICAL SKILLS

- **Programming language** – Python
- **Query Language** - MySQL
- **Tools**-,Dagshub,Mlflow,git,Docker,Apache airflow,MongoDB,Hugging face,pyspark
- **Specialization**- MachineLearning,NLP,Machine learning pipeline
- **Framework** – nltk,scikit,Pandas,React,Express,word2vec,fastapi,flask

## PROJECTS

### Startup Jobs Aggregator + Resume Fit Scorer

- Automated the scraping of 1,000+ startup job listings and standardized metadata for analysis.
- Improved candidate–job alignment by 30% through a word2vec–based resume–JD fit scoring engine.
- Delivered actionable resume improvement insights using NLP similarity metrics and keyword analysis.

### Insurance Query Engine using Gemini

- Built an intelligent insurance query engine leveraging the Gemini LLM for contextual document retrieval.
- Reduced manual policy lookup time by 60% through automated information extraction and response generation.
- Enhanced user experience by delivering instant, policy-specific document recommendations

### Insurance Fraud Claim Detection

- Achieved 85% fraud detection accuracy using classification and anomaly detection models.
- Minimized false positives by 22% with SHAP-based explainability and rule-driven validation.
- Streamlined claims review workflows through an integrated Streamlit dashboard and FastAPI backend.

## CERTIFICATION&ACHIEVEMENTS

- **Basic python programming** – Infosys Springboard
- **Python for DataScience** – Infosys Springboard
- **MachineLearning in python** – Infosys Springboard
- **OCI AI Foundations** – Oracle Cloud Infrastructure
- **Research Publication – (IJETED)** – Published Pitchdeck:An AI-driven Framework

## EDUCATION

- **Bachelors of Technology**

SNS College OF Engineering

CGPA-7.9(TILL 6<sup>th</sup> SEMESTER)

- **School Education**

National Model Matric Hr Sec School

HSC-76.6% SSLC-94.6%