

# NANGUNOORI CHANDU

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## PROFESSIONAL SUMMARY

AI Engineer Intern with hands-on experience in designing, fine-tuning, and deploying advanced machine learning solutions using LangChain, Hugging Face Transformers, and Azure Cloud. Skilled in building scalable generative workflows and optimizing model performance. Contributed to impactful EdTech and FinTech projects involving deep learning, NLP, and computer vision. Strong foundation in Python, machine learning, and deployment pipelines.

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## EXPERIENCE

### AI ENGINEER INTERN

January 2025-April 2025

*OSCOWL ai Hyderabad, India (Remote)*

- Specialized in fine-tuning, training, and deploying Large Language Models (LLMs) and other machine learning algorithms on Azure Cloud. Developed Python-based AI workflows, optimized model performance, and integrated innovative AI solutions into scalable applications.

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## SKILLS

- **Languages:** Python, SQL
  - **AI/ML concepts:** Artificial Intelligence, Machine Learning, Deep Learning, Neural Networks, NLP
  - **Libraries & Frameworks:** Pandas, Scikit-learn, TensorFlow, PyTorch, Keras, OpenCV, CNNs, Hugging Face Transformers, LangChain, Streamlit, FastAPI
  - **Cloud & Deployment:** Microsoft Azure (intermediate), Git, GitHub Actions (CI/CD)
  - **API Testing & Other Tools:** Postman, Swagger UI, VS code, Jupyter Notebook
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## PROJECTS

### 1. Conversational AI chatbot using Nvidia API | Technologies: LLM, NLP, LangChain | [Link](#)

Developed a conversational AI chatbot using NVIDIA's LLaMA3-70B API and LangChain, supporting real-time multi-turn dialogues. Integrated session states in Streamlit to maintain chat history, enhancing user satisfaction by 20%.

### 2. Face-Recognition | Technologies: OpenCV, TensorFlow, CNNs, scikit-learn | [Link](#)

Built a face recognition system with OpenCV and CNNs, achieving 90% accuracy in real-time detection for video streams. CNN model using TensorFlow, reducing false positives by 15%.

### 3.Sentimental-Analysis-for-RealTime-Tweets | Technologies: Pandas, TextBlob, Streamlit, Plotly | [Link](#)

Designed a sentiment analysis pipeline using TextBlob and Pandas,analyzing 5,000+ tweets with 85% classification accuracy. Deployed an interactive dashboard using Streamlit & Plotly.

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## EDUCATION

**NALLA MALLA REDDY ENGINEERING COLLEGE**

**2022-2025**

*B. TECH | COMPUTER SCIENCE & ENGINEERING (CSE)*

*CGPA-8.2*

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## CERTIFICATIONS

- IBM Skills Build – Getting started with Ai (2024) | [Certificate](#)
- SWECHA Summer ai 2024 – AI Internship Certificate | [Certificate](#)