Chandra Rup Daka

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https://github.com/chandrarup

Professional Summary

Chandra Rup Daka is a Generative AI Engineer with 2+ years of experience designing and deploying production-grade LLM and agentic solutions, demonstrating strong expertise in Python, ML frameworks, and model deployment. His academic background in AI/ML and hands-on experience at Accenture align well with the core requirements of the Machine Learning Engineer role.

Education

University of Houston **Expected 2027**
M.S. in Engineering Data Science and Artificial Intelligence

Amrita Vishwa Vidyapeetham **2023**
B.Tech in Computer Science and Engineering (Specialization in Artificial Intelligence)

Experience

Accenture (GenWizard Platform)
Advanced App Engineering Analyst - GenAI SpecialistArchitected production-grade LLM solutions for reverse engineeri

Amrita Vishwa Vidyapeetham
Undergraduate Research Assistant Developed deep learning framework for deepfake video detection achieving 96% accura

Accenture
Technical Mentor and TrainerConducted training sessions on Python, agentic AI frameworks (LangChain, AutoGen, C

Projects

Detection of Real and Manipulated Videos using Transfer Learning — *Python, TensorFlow, ResNet, X*

- Developed deep learning framework for deepfake detection achieving 96% accuracy on 6,500-video dataset. Published in GCAT October 2024.

Stock Price Prediction Using Deep Q-Learning — *Python, Deep Reinforcement Learning, DQN, Tensor*

- Automated trading system learning optimal policies (Buy, Sell, Hold) using DQN with Experience Replay and dual-network architecture. Tested on Adani Enterprises stock data.

Speech Emotion Recognition System — *Python, CNN, librosa, RAVDESS Dataset*

- CNN-based emotion recognition achieving 81.11% accuracy. Implemented acoustic feature extraction (MFCCs, chroma, mel-spectrograms, tonnetz).

Skills

Languages: Python, SQL, Java, C++, C

Tools: Docker, Git, ROS, OpenCV, Arduino IDE, Jupyter, VS Code, MoveIt!, RViz, Gazebo

Frameworks: TensorFlow, PyTorch, Keras, LangChain, AutoGen, CrewAI, FastAPI, Flask, Hugging Face Transformers, Scikit-learn