Himanshu

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Summary

Detail-oriented AI/ML student with a portfolio of hands-on projects in fraud detection, medical image analysis, and a novel multimodal AI system for detecting media bias. Certified by Google,IBM, Microsoft, and Oracle in AI foundations and applications. Seeking to leverage expertise in deep learning, Python, and TensorFlow to contribute to a challenging AI engineering role.

Education

VIT Bhopal University — Bhopal, MP
Pursing BTech in Computer Science, Artificial Intelligence with current CGPA of 9.01 — *Sept 2023 – Present*

Birla School Pilani — Pilani, Rajashthan
Class XII scoring 93.60 — *April 2021 – March 2022*

Technical Skills

Programming Languages: Python, C++, SQL

Deep Learning Frameworks: TensorFlow, Keras

Libraries & Tools: NumPy, Pandas, Scikit-learn, NLTK, Matplotlib

Projects

Bollywood Bias Buster: AI-Powered Gender Bias Analysis — June 2025 – Present
NLP and Multimodal AI Project — *Python,Transformers, spaCy, Gradio*

- Developed an end-to-end system to detect, quantify, and remediate gender bias in movie scripts
- Utilized Mistral-7B for stereotype classification and text remediation, and spaCy for NER
- Automated the generation of PDF bias reports and deployed a Gradio web interface for real-time analysis

AI-Powered Farmer Assistance Platform — September 2024 – January 2025
Full-Stack AI Application — *Python, Streamlit, TensorFlow, Scikit-learn*

- Developed an integrated web application using Streamlit to provide farmers with AI-driven decision support.
- Implemented three core AI modules for plant disease detection (CNN), and fertilizer and crop recommendation systems.
- Designed an intuitive user interface that allows farmers to upload images for real-time disease diagnosis and receive actionable recommendations.

Experience

AML intern — March 2025 – August 2025
amas.QIS — *Remote*

- Engineered a product recommendation system for the banking sector by fine-tuning a Large Language Model (LLM) using Low-Rank Adaptation (LoRA).
- Performed comprehensive data cleaning and preprocessing on customer CSV data using Python and NumPy to prepare datasets for model training.
- Developed and generated highly specific prompts from the cleaned data to guide the LLM's recommendation logic, utilizing the Transformers library.

Certifications

- Microsoft Certified: Azure Data Fundamentals (Issued: June 2025)
- GEN AI Using IBM Watsonx (Issued: June 2025)
- Oracle Certified Foundations Associate: OCI AI (Issued: March 2025)