Tejashri Choudhary

+919302174610 | tejashrichoudhary2@email.com | linkedin.com/in/tejashri-choudhary-505a402a4/ | github.com/tejashri-del098

Summary

A motivated AI & Machine Learning student with demonstrated skills in Generative AI, computer vision, and deep learning. Proven ability to reduce AI hallucination by building a RAG-based fact verification system. A core member of the Google Developer Club seeking to apply technical skills to build innovative AI solutions.

Education

VIT Bhopal University — Bhopal, MP
Pursuing BTech in Computer Science, Artificial Intelligence with current CGPA of 7.76 — *Sep 2023 – Present*

St. Xavier International School — Burhanpur,MP
Class XII – 72.8 — *April 2022 – March 2023*

Technical Skills

Programming Languages: Python, C++, SQL

Deep Learning Frameworks: TensorFlow, Keras

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

Projects

Fact Verification using Retrieval-Augmented Generation (RAG) — March 2025 – April 2025
Natural Language Processing — *Python, Google Gemma, RAG*

- Architected a fact-verification system using a Retrieval-Augmented Generation (RAG) pipeline to mitigate LLM hallucination.
- Engineered the system to retrieve information from verified documents (PDFs/links) and ground responses from Google's Gemma LLM in factual evidence.
- Optimized the retrieval process to improve the accuracy and reliability of AI-generated answers for application in research, legal, and healthcare domains.

OCT Disease Classification Model — September 2024 – January 2025
Deep Learning And Computer Vision — *Python, TensorFlow, CNNs*

- Built a deep learning model to classify ocular diseases like Drusan, CNV, and DNV from fundus images
- Implemented a Convolutional Neural Network (CNN) architecture leveraging transfer learning
- Enabled the classification of four distinct disease states to support early medical diagnosis

Experience

Artificial Intelligence Intern — June 2025 – July 2025
EDUNET FOUNDATION - IBM SKILLSBUILD — *Remote*

- Developed a predictive model to estimate employee salaries based on years of experience, using a Linear Regression algorithm.
- Performed data preprocessing by identifying and handling null values, and converted categorical data into a machine-readable.
- Trained and evaluated the model using Scikit-learn, achieving an R-squared score of 93.4 on the test set.

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))