ADARSH GOYAL

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EDUCATION

- Electrical Engineering | MITS, Gwalior
  SGPA: *8.05| (IV) SEM*

- XII (MP-BOARD) | Touch Stone Public School
  Scored 86% in 12th focusing on (P, C, M) 2022

SUMMARY

A highly motivated and detail-oriented data science student with strong analytical skill and a passion for AI, ML, DL, LLMs, Gen AI, Agentic AI. proficient in Python, SQL, C++ with experience in building ML-DL models. Looking for an opportunity to apply technical and problem-solving skills in a dynamic work environment.

SKILLS

- Python
- Data Preprocessing
- Data scraping
- Data analysis
- Machine Learning

- Deep learning
- Model evaluation
- Artificial Intelligence
- SQL, MYSQL
- Problem-solving abilities

INTERNSHIP

1/10/2024 – 30/12/2024   **Artificial Intelligence intern | GenzEducateWings**
- Assisted in debugging and optimizing existing python code, improving performance

1/05/2025 – 30/05/2025   **Artificial Intelligence intern | CodeAlpha**
- Working on projects (FAQ chat-bot, Language Translator targeting Multilanguage, RealTime object detection ML Model)

2/06/2025 – 15/07/2025   **Research intern (AI, ML, ROBOTICS) | MANIT BHOPAL**
- Research on "FORCE PLATE FALLS ANALYSIS AND DETECTION USING DEEP LEARNING"

ACADEMIC PROJECTS

- **Voice Assistance using Python**
  Developed an AI assistant prototype with voice command control, inbuilt voice response, and face detection security. Capable of performing diverse personal and system-level tasks including emailing, web browsing, media control, automation (WhatsApp, alarms), device operations (shutdown, screenshot, volume control), and integration with Gemini API for real-time open-world knowledge access. Designed to simulate human-like interaction and enhance user productivity.

- **AI/Voice Assistance mini-bot with Python using Arduino-uno**
  Developed a smart voice-controlled AI assistant bot capable of performing a wide range of personal and system tasks such as sending emails/WhatsApp messages, browsing web platforms, media control, system operations (shutdown/restart), and real-time utilities like weather, location, battery, and internet speed checks. Integrated Gemini API for open-world knowledge and human-like conversational abilities. Enabled basic robotic body motions (head and hand movement) in response to voice commands.

- **Face Detection Security system using Python**
  It is a system that can firstly convert your image data set in grey scale and learn data and give a .xml file using it we can compare the live data to our data set using open cv using camera

- **Face Detection attendance system using Python**
  In this project firstly we collect all the faces datasets and then train our model the using excel if face is detect in live camera, then the attendance is marked in the excel file.

- **Nest word predictor based on previous word using LSTM**
  Developed a real-time next-word prediction engine mimicking Android's smart keyboard suggestions. The system intelligently predicts the next three possible words based on the entire sequence of previously typed words using an LSTM-based deep learning model.

PUBLICATIONS/RESEARCH PAPER

- ❖ Review paper on Le-ion Battery and Solid-State Battery
- ❖ Force Plate Squat Jump Fall Analysis and Detection using Deep Learning and RNN-LSTM

CERTIFICATION AND ONLINE COURCES

- ❖ Professional Data scientist certified by data camp
- ❖ Artificial intelligence from genzeducatwing
- ❖ Artificial intelligence from Udemy
- ❖ Python from IITM
- ❖ SQL from data camp

ACCOMPLISHMENTS

- ❖ Got 2nd rank in data science competition in data camp.

HOBBIES AND INTEREST

- ❖ Exploring about technologies and of AI
- ❖ Playing online games
- ❖ Exploring AI-ML related work and open-source contribution