DEV CHANDAN

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ABOUT ME

I'm Dev Chandan, a Bachelor of Technology student in Artificial Intelligence. My knack for mathematics and coding fuels my eagerness to learn and explore. My goal is to contribute meaningfully and innovate in the dynamic tech realm.

EDUCATION

Mukesh Patel School of Technology Management and Engineering, NMIMS **July 2024**

Bachelor's in Technology, Artificial Intelligence (AI)

- **CGPA:** 3.93/4

Pace Jr. College, Class 12, HSC **March 2020**

- **Percentage:** 90%

SaS Billabong High, Class 10, ICSE **May 2018**

- **Percentage:** 94.83%

SKILLS

- **Languages:** Python | HTML | CSS | SQL | (basic) JavaScript
- **Frameworks:** TensorFlow | NumPy | Pandas | Matplotlib | Scikit-learn | OpenCV | Keras | ReactJs | (basic) Django | Langchain | PyTorch | PySpark
- **Technical Skills:** Deep Learning | ML | NLP | Computer Vision | Biometrics | LLM Finetuning | (basic) Algo Trading
- **Other Skills:** Final Cut Pro | Da Vinci Resolve | Photoshop | Adobe XD

PROFESSIONAL EXPERIENCE

Maitri AI **Ongoing**

I am interning in Generative AI, working on conversational chatbots using LLM's, Computer Vision for object detection and image captioning, and Natural Language Processing for machine translation.

PROJECTS

Conversational Chatbot using LLMs **January 2024**

- Used Llama 2 Chat, QLORA (Quantized Low Rank Adaptation), and RAG (Retrieval-Augmented Generation) to create a chatbot for company-specific questions. Manually created and fine-tuned the dataset. [Link to the project.]

YOLO v8 Custom Object Detection and Counting **Ongoing**

- Developed a dynamic object counting app using YOLOv8 and Streamlit, manually created a large dataset and trained the YOLO model for detecting and counting new custom objects. [Deployed here]

RESEARCH WORK

1. **EarSiamNet**: Leveraging Siamese Networks and SVM for Ear Biometric Authentication **(March, 2024)**
2. **Guiding the Student's Learning Curve**: Augmenting Knowledge Distillation with Insights from GradCAM **(March, 2024)**
3. **Open Set Masked Face Identification system:** Leveraging Computer vision and DL for Biometrics **(March 2024)**
4. **Grade and Subtype Classification for Glioma Tumors using Clinical and Molecular Mutations:** This work underscores the importance of Machine Learning in early diagnosis and treatment. **(March, 2024)**

EXTRA CURRICULAR

Running (21K Marathon) , Cricket, Content Creation (14K+ Followers Instagram), Community Service through Serve Out Smiles Campaign (spending time teaching underprivileged children)