Trivikram H. Gudimetla

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LinkedIn   **Portofolio**

SUMMARY

Passionate AI-ML enthusiast with a strong interest in web development and exploring software development. Consistently focused on personal growth. Enthusiastic about engaging in diverse projects and exploring practical applications across various topics. Additionally, a dedicated hobbyist photographer, cyclist, and adventurer, bringing creativity and a spirit of exploration to all endeavors.

SKILLS   FAMILIAR WITH

- HTML | CSS | JavaScript
- SQL | PostgreSQL
  Node.js

- C | Java | Python
- Computer Vision
- Machine Learning

- TensorFlow | Sci-kit Learn
- GenAI | GANs
- Deep Learning

EXPERIENCE

Metropolis Healthcare Ltd.   **Expected – Aug '24 – Oct'24**
Web-Development Intern

Project:

- To develop a prototype website aimed at showcasing real-time pricing alongside competitor rates, with the objective of enhancing company's revenue and driving a projected 11% growth in sales and product engagement.
  - **Skills** : Front-end | Back-end | Beautiful Soup | API Integration | Project Management

The Photography Club, MITB   **Feb '23 – Present**
Vice-President

Lead operations, achieving growth of 180% in two years. Hired a new application consultant to help improve team capabilities.

Accomplishments:

- Spearheaded the expansion of the photography club, increasing membership by over **550** members.
- Established partnerships with industry leaders, such as **Canon**, to host events and workshops, fostering engagement among students and faculty.
- Led multiple stalls and workshops on the integration of **Generative AI** and technology with digital art, impacting over **200** participants.
- Implemented a department-wise operational structure, significantly reducing work times and enhancing overall **efficiency**.
- Developed and honed team management and leadership skills through successfully navigating various challenges and coordinating numerous events.

Previous Positions: Photographer Oct '22 - Feb '23   **|** Member of Executive Board Feb '23 - Aug '23

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MAJOR - PROJECTS

Attendify - (prototype)   **June '24 - Present**
10sec attendance **solution** tailored towards Universities use case using ML.

- To **solve** the inefficient manual register/excel based attendance problem in Academia.
- Streamlined process involving User to capture a couple of class photos and receiving attendance data via API integration or Excel sheet output, Which takes <10 Secs.
- Note: App in **active development** stage with ongoing efforts to secure funding and professional guidance.
- Click here for Demo
    - **Skills** : Computer Vision | Deep Learning | API Integration | Project Management

SQL database interaction with natural language.   **April '24 - May '24**
Interacting with database using Natural Language.

- Developed a **streamlit** webapp to interact with databases via natural language using **Gemini** LLM API
- The Natural language Processing and Query Handling is implimented with the LLM.
- Click here for Demo
    - **Skills** : SQL | LLM Integration | Streamlit | Python

Sentiment analysis   **Jan '24 - Feb '24**
Basic Sentiment Analysis of Movie Reviews with TensorFlow

- Learnt and Applied the basics of TensorFlow and Keras as It's Backend.
- Trained and Evaluated a Neural Network Model under Guidance.
- Click here for Demo
    - **Skills** : TensorFlow | Keras | Numpy | Pandas | Python

CERTIFICATIONS

- **Machine Learning Specialization 1 & 2** - Deeplearning.ai
- **Mathematics for ML: Linear Algebra** - Imperial College London
- **Algorithms** - UC San Deigo
- **Complete Web Development** - Angela Yu

EDUCATION

Manipal Institute of Technology, Bengaluru
BTech. in Computer Science and Engineering

Sri Chaitanya Institutions, Bengaluru

Math, Physics, Chem with Computer Science

ACHIEVEMENTS

- Indian Olympiad Qualifier in Mathematics - 2020   - Link
    - Among top 300 in the region.

- First Place in Photography - 2023   - Link
    - Held in a National College Fest