NISHANTH DMELLO

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About Me :

I'm an enthusiastic CSE undergraduate with a passion for coding and problem-solving. Eager to explore the latest tech trends, I'm driven to succeed in the field. My goal is to work in a dynamic environment where I can apply my skills and contribute to both organizational and personal growth.

Education :

B.Tech in Computer Science Engineering,
PES University, Bangalore.
Graduation : May, 2025

Professional Experience :

- Teaching Assistant for Machine Learning, PESU.   August, 2024 – Present
- Research Intern at CoDMAV, PESU.   June, 2024 – July, 2024

Skills :

- Problem Solving - Python, C, Bash, C++
- Data Analytics and Machine Learning – Matplotlib, ScikitLearn, Tensorflow, PyTorch
- Image Processing – OpenCV, Matlab
- Web Development - React JS, Flask, Streamlit
- Databases - MongoDB, MySQL, ETCD
- Version Control - Git, GitHub, Docker, Jira
- IoT and Automation - Arduino

Projects :

- Embedding File in an Image – Vite – ReactJS, Flask, Base64, Fernet, SHA256
- File Encryption/Decryption - C++ and Base64 encoding.
- ETCD Project - Flask and ETCD .
- Cruise Connect - MERN stack car rental website.
- Research Paper Repository – MySQL and Streamlit.
- Hand Gesture Detection – Tensorflow (CNN) and OpenCV
- Morse Code Transmitter – Arduino project.
- Smart Traffic Light System – Arduino project.
- Netflix Clone – MERN stack movie streaming website.
- Timer, Stopwatch, Alarm and World Time – Tkinter (Python) project.

Certifications :

- Problem Solving (HackerRank)
- A Beginner's Guide to Linux Kernel Development
- Workshop on Data Analytics and IoT
- Jira Work Management Fundamentals
- Infosys Robotics Course