

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](#)