

Maneesh V

+91 7358112574 - maneeshprog@gmail.com - [LinkedIn](#) - [GitHub](#) - [Portfolio](#)

EDUCATION

St. Joseph's College of Engineering, Chennai
B.Tech - Artificial Intelligence and Machine Learning

May 2022 - Current
CGPA - 8.40

WORK EXPERIENCE

Computer Vision Engineer (Intern) – MacV AI
Stipend-based Internship

June 2025 – Present

- Developing deep learning models for real-time computer vision applications.
- Optimizing pipelines for efficient video analysis.

Intern – IIITDM Chennai
VLSI Principles and Chip Design

May 2024 – July 2024

- Tested chip layouts and applied ML to analyze and optimize designs.
- Worked in a team to propose improvements to VLSI architecture.

PROJECTS

Development of an All-Purpose Drone for Disaster Rescue

[GitHub](#)

- Engineered a drone tailored for disaster conditions, integrating ML/DL to identify and locate victims.
- Designed a modular framework for real-time analysis and multifunctional deployment.

Development of a Smart Camera

[GitHub](#)

- Built a camera with deep learning algorithms to perform tasks based on user-defined requirements.
- Integrated real-time processing for security and object recognition.

Automatic Internship Agent

[GitHub](#)

- Developed an automation bot to parse internship-related messages and auto-apply via email.
- Handles parsing, eligibility checks, resume/email generation, and submission.

Smart Face-Based Attendance System with DBMS Integration

Ongoing, Expected Completion: Dec 2025

- Facial recognition-based attendance system integrated with secure DBMS for academic use.
- Uses advanced recognition algorithms for high accuracy in varied environments.

TECHNICAL SKILLS

Programming Languages: Python, Java, C

Frameworks and Libraries: TensorFlow, PyTorch, Keras, scikit-learn, OpenCV, Pandas, NumPy, Matplotlib, Seaborn, FastAPI, Flask, NLTK, SpaCy, Gensim, Hugging Face Transformers

Tools Platforms: Git, GitLab, Docker, Google Colab, Jupyter, VS Code, Anaconda, Linux, Azure

Database: MySQL, PostgreSQL, Firebase

Specialized Expertise: Edge Computing, Edge AI, Computer Vision, NLP, Model Deployment

CERTIFICATIONS

- ServiceNow Certified System Administrator
- Deep Learning Specialization – Coursera (Andrew Ng)
- Deep Learning – Infosys Springboard

ACHIEVEMENTS

- Rickyverse Campus Ambassador
- Winner - IIT Madras Shaastra Hackathon
- Winner - IIT Madras Shaastra Creative Writing