

LINGU PRASSATH

📍 Kallakurichi, Tamil Nadu, India



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Github



Linkedin

EDUCATION

VIT BHOPAL

2022-Present

B Tech in CSE (Specialised in Artificial intelligence and Machine)

GPA : 8.25

KENDRIYA VIDYALAYA NLC, NEYVELI, TAMIL NADU

2020-2022

Higher Secondary Education

84%

OXALISS INTERNATIONAL SCHOOL, CBSE – KALLAKURICHI,

2018-2020

Secondary Education

88%

SKILLS

- **Languages:** Python, Java, SQL
- **Tools & Frameworks:** OpenCV, TensorFlow, PyTorch, Git

PROJECTS

Plant Disease Prediction using Multiple Neural Networks

- Led a team to develop an image classification for detecting plant leaf diseases using ML/DL.
- Achieved 93% accuracy with CNN, outperforming SVM (90%) and Random Forest (89%).
- Applied data augmentation techniques like flipping and rotation.
- Evaluated models using confusion matrix and cross-validation.

Helmet and Number Plate Detection using YOLOv8

- Developed a real-time safety monitoring system using YOLOv8.
- Integrated OpenCV with YOLOv8 for real-time detection.
- Trained on a custom dataset with high precision for surveillance applications.

CERTIFICATION

- AWS Academy Cloud Architecting – AWS Academy Graduate
- AWS Academy Cloud Foundations – AWS Academy Graduate
- Privacy and Security in Online Social Media - NPTEL
- Machine Learning with Python – IBM (Coursera)
- Python Essentials – Vityarthi