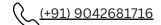
# LINGU PRASSATH

Kallakurichi, Tamil Nadu, India









### **EDUCATION**

2022-Present VIT BHOPAL

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

KENDRIYA VIDYALAYA NLC, NEYVELI, TAMIL NADU **Higher Secondary Education** 

OXALISS INTERNATIONAL SCHOOL, CBSE – KALLAKURICHI,

Secondary Education

**GPA: 8.25** 2020-2022

2018-2020

88%

84%

### **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