

# HARISH V

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Vellore, Tamil Nadu, India.

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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## EDUCATION

**M.Sc. Artificial Intelligence and Machine Learning | CGPA: 8.58**

Vellore Institute of Technology (Vellore) | 2025-Present

**Bachelor of Computer Application | CGPA: 8.37**

Vellore Institute of Technology (Vellore) | 2022-2025

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## SKILLS

- Programming Languages: Python, C, SQL, HTML, CSS, JavaScript
- AI/ML Frameworks & Libraries: TensorFlow, PyTorch, Scikit-learn, OpenCV, Keras, Hugging Face Transformers
- Specializations: Computer Vision, Natural Language Processing, Deep Learning, Neural Networks, Generative AI
- Mobile Development: Android Studio, Firebase, SQLite
- Backend Frameworks: Flask, FastAPI, Django
- Databases & Tools: MySQL, MongoDB, Git, Docker, VS Code

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## WORK EXPERIENCE

**App Development Intern** – Aarvasa | Sep 2025 – Jan 2026 | [Offer Letter](#)

- Built and optimized mobile features, improving app responsiveness
- Integrated Firebase Auth, Firestore, and Cloud Storage for real-time data and secure user management
- Gained hands-on experience in mobile app development and performance optimization

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## PROJECTS

**LANE LINE DETECTION ROBOT | Nov 2025 | [Link](#)**

- Developed a custom lane and obstacle detection system for TurtleBot3 using a self-created dataset for autonomous navigation.
- Implemented real-time lane and object segmentation using the YOLOv8s-seg model.
- Collected and annotated training data, achieving over 90% detection accuracy on custom validation datasets.

**NLP-BASED SENTIMENT ANALYSIS APP | June 2025 | [Link](#)**

- Built an Android app using Hugging Face RoBERTa for real-time sentiment detection (Positive, Neutral, Negative).
- Delivered an accurate, lightweight sentiment analysis tool for real-time text classification.

**FARMER ASSISTANCE SYSTEM | JAN 2025 - May 2025 | [Link](#)**

- Developed an Android app and expert web portal to connect farmers with agricultural experts.
- Integrated a Flask server and CNN model for analyzing crop images, videos, and voice messages.
- Enabled experts to provide multimedia-based solutions and guidance for crop issues.

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## ACHIEVEMENTS & CERTIFICATIONS

- Udemy Certified: Python Programming, Generative AI & Large Language Models, Flutter & Firebase Development. | [Certificate](#)
- Hackathon Experience: Student Coordinator and Participant at VIT Vellore, with hands-on exposure to secure mobile and web application development, event coordination, and team management. | [Certificate](#)