

Vinodhan V A

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EDUCATION

Bachelor of Computer Science and Engineering
Knowledge Institute of Technology

(Up to 3rd Semester)

(7.5 CGPA)

Higher Secondary Education

*Jayarani Matric Hr. Sec. School
12th Standard*

(Percentage–66%)

Higher Secondary Education

*Sri Vidya Mandir Hr. Sec. School, Salem
10th Standard*

(Percentage–75%)

PROJECTS

Object Detection Using YOLO, CSV and JSON (*Role: Model Developer*)

- Created a custom AI model for object annotation using YOLOv11 and integrated CSV/JSON-based data pipelines
- Utilized OpenCV, CS2, and ImageAI for preprocessing, annotation automation, and efficient training on real-world datasets.

FinPilot – AI Financial Assistant (*Role: Team Lead*)

- Led development of an AI-powered tool to simulate financial scenarios and detect anomalies using Google Gemini.
- Managed end-to-end delivery across platforms with chat/voice interfaces, dashboards, and secure data integration.

PUBLICATION

- *A Flexible Multi-Task Structure Contextual Modality Attention based Emotion Recognition.* [Link](#)

CERTIFICATION

- *Prompt Engineering.* (Great Learning)
- *Java Programming* (Thinkverge)
- *AI for Beginners* (HP Foundation)

TECHNICAL SKILLS

AI Tools: Docker | Ollama | N8n Ai Agent | ThinkerCard |Flutter

Web Development: HTML, CSS, JavaScript

Frameworks: React.js, TypeScript

Programming: Python | Java | R.

LANGUAGES

English | Tamil | Hindi