

# JOTHISWARAN PALANISAMY

Coimbatore - 641402. • +919791460583 • joothiswaranpalanisamy2005@gmail.com

---

## SUMMARY

B.Tech student specializing in AI and Data Science with hands-on project experience in machine learning, deep learning, and data analytics. Eager to contribute to impactful real-world solutions through internships.

---

## PROJECTS

### Enterprise Knowledge Assistant [Link](#)

A local, privacy-preserving Knowledge Assistant for enterprises. Upload your internal documents (PDFs), ask questions, and get AI-generated answers using local LLMs.

### Fraud Detection Using GANs and Deep Learning [Link](#)

This project leverages Generative Adversarial Networks (GANs) to generate synthetic fraud samples and deep learning models to classify transactions more accurately.

### Accident Detection using Deep Learning [Link](#)

Designed an intelligent accident detection model using CNNs and video frame analysis to identify collisions from traffic surveillance footage.

---

## SKILLS

### Languages & Core Skills

- Python, SQL, Machine Learning, Deep Learning, Computer Vision, GANs, CNNs

### Tools & Frameworks

- TensorFlow, Keras, OpenCV, Google Colab, Jupyter, Git, Scikit-learn, YOLO

### Soft Skills

- Project Management, Critical Thinking, Time Management, Problem Solving, Adaptability

### Languages Known

- English (Fluent), Tamil (Native)

---

## EDUCATION

### B.TECH. ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

2022 - 2026

Anna University affiliated

- Specialization in AI and Machine Learning.
- Achieved a CGPA of 7.5/10.0(cumulative of last semester).

---

## CERTIFICATIONS

- RSDCA Certificate in Data Analytics - BIA
- Database and SQL for Data Science - Coursera
- Prompt Design in Vertex AI - Google Cloud
- Foundation of Prompt Engineering - AWS
- 10+ participation in coding completion

[LinkedIn](#)



[GitHub](#)



[Portfolio](#)

