

SARAVANAN K

Aspiring AI Engineer

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[LinkedIn](#)

[GITHUB](#)

Chennai

SUMMARY

Aspiring AI Engineer skilled in NLP, Generative AI, and Computer Vision. Developed projects in GPT chatbots, medical imaging, and Unity games with measurable outcomes. Eager to apply AI expertise to real-world applications and research.

EDUCATION

Vellore Institute Of Technology | 2022-2026

Bachelor of Technology - CGPA - 7.80

Alwin International Public School | 2020-2022

Higher Secondary Education - 83%

Alwin International Public School | 2020

Secondary School Certificate - 89%

EXPERIENCE

AI & ML Intern – iOPEX Technologies, Chennai

(June 28, 2025 – October 27, 2025)

- Built an AI-driven Excel-to-PPT automation system using Python, Flask, Gemini LLM, and data-processing pipelines.
- Developed an LLM workflow and prompt-engineering layer to generate slide content from dataset insights.
- Implemented an NLP-to-SQL query engine for natural-language data retrieval and intelligent data analysis.
- Automated data visualization and report generation using Matplotlib and python-pptx, improving workflow efficiency.

PROJECT([GITHUB](#))

AI Chatbot for Mental Support (GPT, NLP)

- Developed an emotion-aware chatbot using GPT for real-time mental health support.

YouTube Multi-Lingual Transcription & Summarization (Whisper, LLMs)

- Built an AI tool to transcribe YouTube videos in multiple languages and generate summaries using LLMs.

PDF Summarizer & Chatbot (RAG, NLP)

- Implemented a document chatbot capable of summarizing PDFs and answering contextual queries.

Personal Portfolio Website (React, Tailwind, Vercel)

- Developed and deployed a modern responsive portfolio showcasing AI/ML projects

Face Recognition Attendance System (Python, OpenCV)

- Automated attendance system reducing manual check-in time by 30% with face recognition.

SKILLS

- **Programming:** Python, C++, SQL, C#, JavaScript , Streamlit
- **AI/ML:** Deep Learning, NLP, LLMs, CV, CNN, RNN/LSTM ,
- **Libraries:** PyTorch, TensorFlow, Scikit-learn, OpenCV, Pandas, NumPy
- **GenAI:** GPT, Gemini API, Prompt Engineering, RAG, LangChain
- **Cloud:** Oracle, Google Cloud, AWS

CERTIFICATION

Oracle – Generative AI Professional (2025)

Google Cloud Skill Badge – Generative AI, LLMs & Responsible AI

AWS Training – Introduction to Generative AI

Oracle – AI Vector Search Certified Professional

Microsoft Learn – Introduction to Generative AI