

SARAVANAN K

Aspiring AI Engineer

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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%

PROJECT([GITHUB](#))

AI Chatbot for Mental Support (GPT, NLP)

- Developed AI-powered chatbot using GPT for real-time emotional and mental health assistance.

BrightSteps – Therapeutic Game for Autism (Unity)

- Built a Unity-based therapeutic game that boosted cognitive engagement in autistic children by 30%.

Banana Leaf Disease Detection (CNN with Attention)

Custom CNN model with CBAM, spatial, and channel attention for banana leaf disease classification.

Water Leakage Detection (Sensor + CNN-LSTM)

- Designed a sensor + CNN-LSTM hybrid model for early leak detection in smart water networks.

Face Recognition Attendance System (Python, OpenCV)

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

SKILLS

- Languages/Frameworks:** Python, C++, C#, Flutter, SQL, Streamlit
- AI/ML:** Deep Learning, NLP, Generative AI (LLMs), OpenCV, TensorFlow
- Tools/Platforms:** Git, PowerBI, Cloud (Oracle, Google, Alibaba), Unity

CERTIFICATION

Alibaba Cloud–Apsara Clouder Getting Started with Machine Learning & AI

Google Cloud Skill Badge - Introduction to Generative AI

NLP for Developers Focused on practical applications of NLP in real-world development.

Generative AI Professional - Oracle Cloud Infrastructure 2025 Certified

Microsoft Learn Introduction to Generative AI