

RAGAVAN.S

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PROFILE SUMMARY

Aspiring Data Scientist with solid foundation in Python, SQL, Machine Learning, and Deep Learning frameworks. Skilled in building APIs and working with LLMs, and vector databases. Completed hands-on projects in document retrieval using Generative AI. Eager to apply my skills and contribute to the growth and innovation of your company.

EDUCATION

B.Tech - AI&DS - CGPA : 6.23, Vel Tech Multi Tech College, (2022 - 2026)

Diplamo - EEE - Percentage : 69.96% - PSG Polytechnic College, (2020 - 2023)

TECHNICAL SKILLS

Programming Language:- Python, Java,
HTML/CSS

Software/Tools:- Git

Platforms:- Kali Linux

PROJECTS

AI-Powered Smart Traffic Management System
Using ML May 2025

Tech Skills - Python, Machine learning And
HTML/CSS

- Developed a AI-Powered Smart Traffic Management System for reduces signal time and efficiency

Artificial Intelligence-Operating System Using LLM
Currently Doing

Tech Skills - Python, Convolutional Neural Networks (CNN), Image Classification, Computer Vision, OpenCV, FastAPI

- Developed a AI-OS model to performance the system easy way using Large Language Model(LLM).

INTERNSHIP

INTERNSHIP PYTHON PROGRAMMING:

VLOG INNOVATIONS LLP - MAR 2024

I Learned More About Python at VLog Innovations LLP, Including its Syntax, Comments, Variables, and Data Type Numbers. [\[Link\]](#)

UNDERGONE INPLANT TRAINING IN TRANSFORMERS:

PADMAVAHINI TRANSFORMERS PVT LTD. - JUN 2022

I Have Gained Knowledge About Transformers, Including Their Structure, Assemble, Sheet Layers, And The Sequential Procedures That I Gathered At Padmavahini Transformers Private Limited [\[Link\]](#)

ACHIEVEMENTS

- Developed a real-time Automated Traffic System to improve defect accuracy.
- Built an AI document retrieval Chatbot using LLMs and RAG for efficient data access.
- Implemented ML model Deployment Multi-Agent to scalable.

CERTIFICATION

- Artificial Intelligence and Machine Learning Certification [\[Link\]](#)
- Own Static Website Certification [\[Link\]](#)
- Own Responsive Website Certification [\[Link\]](#)
- UI/UX MEGA workshop [\[Link\]](#)