

EDUCATION

Dr. Mahalingam College of Engineering and Technology

B.E in Computer Science and Engineering (Artificial intelligence and Machine learning)

Pollachi,TamilNadu

Expected Graduation, June 2028

• **GPA: 7.7/10**

• **Related Coursework:**

1. Machine Learning (Supervised , Scikit-learn)
2. Prompt Engineering & AI Tools (ChatGPT, Gemini, Prompt Tuning, Creative Problem Solving with AI Tools)
3. Web Development (Frontend: HTML, CSS, JavaScript | Backend: Python Flask)

EXPERIENCE

Project Intern, CODTECH IT SOLUTIONS PRIVATE LIMITED

Remote

Aug 2025 - Sep 2025

- Worked on a 4-week online internship focused on Machine Learning, demonstrating technical proficiency and problem-solving through project-based tasks that contributed
- Developed and evaluated machine learning models using **Python, Scikit-learn, Pandas, and NumPy** to optimize data-driven decision processes.

PROJECTS

RAG-CHATBOT

Developed a Retrieval-Augmented Generation chatbot integrating LangChain for contextual query handling and dynamic information retrieval

Tools Used: Python, LangChain, FAISS, Claude AI, Flask

SQL-CHATBOT

Developed an interactive chatbot capable of interpreting natural language queries and converting them into SQL commands for database interaction and result retrieval.

Tools Used: Python, SQLite/MySQL, Claude AI, Flask

CERTIFICATION

- *Supervised Machine Learning: Regression and Classification (Deeplearning.ai)*

SKILLS

Programming: Java, Python, HTML/CSS, SQL,Pandas,Numpy,Scikit-learn, C ,JavaScript, Flask , C++, PHP

Tools: VS Code, PyCharm, Eclipse, Linux, Git, Docker, Vercel.