JOTHI RAM C M

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LinkedIn • GitHub

Madurai, Tamil Nadu

SUMMARY

AI/ML enthusiast skilled in Python, Machine Learning, and Generative AI. Experienced in building RAG systems, working with LLMs, and deploying practical AI applications. Seeking an AI/ML Specialist role to contribute to model development, optimization, and real-world AI solutions.

TECHNICAL SKILLS

- **Languages:** Python, SQL
- **AI/ML:** ML Models, RAG, Embeddings, Transformers, MobileNet
- **Libraries:** Pandas, NumPy, Scikit-learn, XGBoost
- **GenAI:** LangChain, LLMs, RAG Pipelines
- **Visualization:** Tableau, Matplotlib, Seaborn, Plotly
- **Tools:** Streamlit, Git, Google Colab, AWS, VS Code

EDUCATION

Postgraduate Program in Data Science (Generative AI) — Great Learning *Expected Oct 2025*

B.E.Computer Science and Design — Sethu Institute of Technology 2021–2025

HSC — SBOA Matriculation, Madurai • 2021

SSLC — SBOA Matriculation, Madurai • 2019

EXPERIENCE

AI Developer Intern — Gramosoft Pvt. Ltd. *Jun 2024 – Sep 2024*

- Built a RAG-based chatbot using LangChain, Ollama, and ChromaDB.
- Developed admin and user dashboards for document management.
- Explored AI-driven cybersecurity approaches for predictive threat insights.

PROJECTS

RAG Chatbot for Document Q&A — GitHub

- Built PDF-based RAG system with embeddings, chunking, and retrieval.
- Implemented multi-query search and Streamlit UI.

Emotion Detection System

- Developed CNN/Transformer model for real-time emotion classification.

Osteoporosis Detection (X-ray) — GitHub

- Built a MobileNet-based classifier for bone density stages; deployed in Streamlit.

Client Subscription Prediction

- Designed ML model using Logistic Regression and XGBoost.

KeywordIQ – SEO Intelligence App — GitHub

- Built an AI-powered SEO analyzer using Groq LLMs and automated keyword insights.

CERTIFICATIONS

- OCI 2024 Generative AI Professional — Oracle
- Python & SQL — HackerRank
- Machine Learning Fundamentals — Udemy

ACHIEVEMENTS

- 2nd Place — SCIMIT'23 Mega Project Contest
- Silver Medal—State Senior Men Boxing Championship (2022)