Ashwin R

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PROFILE SUMMARY

AI-focused Systems Engineering student with developing experience in Python, Linux, Docker, and backend development. Currently building LLM-based automation tools, infra-safe config generators, and debugging utilities. Interested in creating reliable AI-driven system workflows and ML/LLM integrations.

EDUCATION

SASTRA DEEMED UNIVERSITY **Thanjavur, TN**

Bachelor of Technology **2023 - 2027**

Major in Computer Science Engineering; Specialization in IOT and Automation
Cumulative CGPA: 7.7253/10.0

TECHNICAL SKILLS

Programming : Python, C, C++, Java

Systems: Linux, Bash, Docker, Git/GitHub, Networking Basics, System Monitoring, AWS EC2/S3, CI/CD (GitHub Actions)

AI/ML: Numpy, Pandas, Scikit-learn, ML Pipelines, Evaluation Metrics, PyTorch, Transformers (usage)

LLM Engineering: OpenAI/Gemini/Claude APIs, Prompt Engineering, Function Calling, Embeddings, Vector Search (FAISS/Chroma), RAG Basics

AI Systems: LangChain, LangGraph (basic), Streamlit, Gradio

Backend: FastAPI, REST APIs, Basic SQL, JSON, Postman

PROJECTS

Check-out the site for more documentation

- link: https://portfolio-ryjs.vercel.app/

LANGUAGES

- **Tamil**: Native proficiency
- **English**: Full professional proficiency