

Megha G

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Objective

Passionate and self-motivated Computer Science graduate with a keen interest in Artificial Intelligence and Generative AI. Skilled in building end-to-end AI applications using Large Language Models (LLMs), prompt engineering, and Retrieval-Augmented Generation (RAG). Eager to apply knowledge to real-world projects and grow as an AI professional in a collaborative and learning-focused environment.

Education

MSc Computer Science

PSGR Krishnammal College for Women
2023 – 2025 | CGPA: 77%

BSc Computer Science

VLB Janakiammal College of Arts and Science
2019 – 2022 | CGPA: 70%

Skills Summary

- **Programming Languages:** Python, SQL
 - **AI/ML:** LLMs, RAG, Prompt Engineering, Sentence Transformers
 - **Frameworks:** Flask
 - **Platforms & Development Environments:** Visual Studio Code, Jupyter Notebook, Render, Streamlit
 - **Soft Skills:** Troubleshooting, Project Management, Effective Communication, Critical Thinking
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Experience

AI Intern, Elgi Equipments - Dec 2024 – Mar 2025

- Gained hands-on experience with LLMs, RAG workflows, and vector databases.
 - Developed intelligent systems using open-source LLMs and prompt engineering.
 - Practiced self-driven learning and implemented modern AI solutions.
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Project

RAG-Enhanced LLM using Mistral – Context-Aware Study Assistant

- Developed a personalized AI study assistant using RAG architecture with Mistral LLM.
 - Processed documents (PDF/Word), generated embeddings via Sentence Transformers.
 - Implemented semantic search with FAISS and served responses using a Flask backend.
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Achievements

- 2nd Prize – Intercollegiate Ideathon
 - Participant – International Intercollegiate Conference
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Languages

- English - Fluent
- Tamil - Fluent