

Naveen Kumar S

Software Developer

Software Developer with 1 year and 7 months of experience specializing in Generative AI, RAG, Agentic RAG, AI Agents, Local LLMs (Ollama), VLMs, Multimodal Models, and Fine-Tuning. Skilled in building AI-driven solutions for efficiency and innovation. Experienced in field extraction using NLP techniques, Computer Vision, Web Scraping, and ETL pipelines from Websites, XML feeds, and PDFs (Standard & Non-Standard) for ETL and RAG-based solutions. Proven track record in delivering data via RAG and deploying AI solutions in production. Passionate about AI automation and collaborative innovation.



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EDUCATION

M.Sc Data Science

Vellore Institute of Technology, Vellore

2021 - 2023

8.31 - CGPA

B.Sc Physics

Muthurangam Govt. Arts College, Vellore

2018 - 2021

78 %

PROJECTS

DocGPT: A RAG-Enhanced Q&A Chatbot Powered by Llama 3 (Groq) & Streamlit

Developed Using: Python, Langchain, Streamlit

[GitHub Repo Link](#)

Agentic RAG: Autonomous AI Retrieval & Orchestration with LangChain, Agno & CrewAI

Developed Using: Python, Langchain, CrewAI

[GitHub Repo Link](#)

EC Document: AI-Powered RAG Chatbot with Summarization Using Streamlit

Developed Using: Python, Firebase, Streamlit

[GitHub Repo Link](#)

GenAI-Powered Web Scraping & Task Automation with Gemini Pro

Developed Using: Python, Langchain, Requests

[GitHub Repo Link](#)

Ecommerce Gifts Shop Website

Software Used: Wordpress

It's Live Now, To Visit: www.mmartworks.in

EXPERIENCE

FactEntry Data Solutions Pvt. Ltd (A SIX Company)
(08/2023 - Present)

Software Developer: Generative AI, RAG, Agentic AI, NLP, Web Scraping

CADD Centre - LiveWire Vellore (01/2023 - 05/2023)

Technical Trainer: Social Media Manager, Graphic Designer (Internship)

SKILLS

Team Work

Communication

Adaptability

Critical Thinking

Handling Pressure

Collaboration

Optimistic Person

Leadership

TECHNICAL SKILLS

Programming languages: Python, C, HTML, CSS

Database Language - MSSQL Server, Firebase, FAISS

Technical Skills: Generative AI, RAG, Function Calling, AI Agents, Agentic AI, Computer Vision, Embeddings, VectorDB, FastAPI, WordPress

Libraries: Pandas, NumPy, Pandas, Requests, BeautifulSoup, Selenium, Playwright, Regex, Flask, OpenCV, Langchain, LlamaIndex, Agno (PhiData), CrewAI, Autogen, Smolagents, Hugging Face

Tools: VS Code, Jupyter Notebook, Colab, Excel, Linux, Git, GitHub, Postman, Streamlit, Gradio, Jira, ChatGPT

Hugging Face Models/LLM Models: GPT-4o, Gemini, Llama3, Mistral, Claude, Groq, Deepseek, Qwen, Ollama, Bert-Large-NER, Gliner, Sentence Transformers

CERTIFICATES

Introduction to Generative AI

By Google

Introduction to Large Language Models

By Google

NSS Volunteer (2019 - 2021)

NSS Leader in the Period of 2019 - 2020

LANGUAGES

English

Full Professional Proficiency

Tamil

Native or Bilingual Proficiency