GUMMALA PRASHANTH

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🤗 https://huggingface.co/prashanth970

TECHNICAL SKILLS

Programming: Python -*FastAPI, Flask, Django, Pandas, NumPy, TensorFlow, PyTorch..etc*

Databases & Vector Stores: MongoDB, PostgreSQL, MySQL, Pinecone, Qdrant

AI Techniques: *LangChain,* RAG, Prompt Engineering, Gen AI, LLMs, Fine-Tuning, AI Agents, Distillation

Cloud & Tools: AWS, Oracle Cloud, Git, GitHub, Docker, Hugging Face, CrewAI, LlamaIndex, Curser, Swagger, Postman

Advanced AI: SmolaAgents, AWS Bedrock, NVIDIA NIM, Groq Cloud, OpenAI Agent SDK, ComfyUI, V0, LovableAI, Bolt, MCP Server.

PROFESSIONAL EXPERIENCE

09/2024 – present
Jaipur

Telepathy Infotech Pvt. Ltd., Jaipur
AI Developer
- Spearheaded development of advanced AI girlfriend with realistic avatar and voice capabilities
- Architected & scaled a multi-collection chatbo via MCP server ; reduced LLM token count through optimized tool selection using MCP server.
- Pioneered a Google Gemini–powered wedding decor AI tool, automating visual layout generation from text/image prompts; cut manual design.
- Engineered a multi-tenant RAG chatbot integrating PandasAI & Qdrant for structured/unstructured analytics; delivered sub-2s query times at 10× throughput, supporting multiple clients concurrently.
- Designed LLM agent workflows for a U.S. legal-tech platform, boosting domain-specific QA accuracy.
- Implemented continuous improvement strategies, resulting in 30% increase in project efficiency

05/2024 – 08/2024
Jaipur

Octopyder Services Pvt Ltd, Jaipur
ML Developer Intern
- Built an Intrusion Detection System to identify and mitigate potential security threats on a client's website.
- Applied ML algorithms to analyze network traffic and detect anomalies efficiently.

KEY PROJECTS

WEDNES AI Platform
- No-code AI agent builder for RAG/SQL pipelines that supports agent creation via drag-and-drop visual flows.
- Architected backend services using FastAPI, Celery, Docker, and integrated LangChain modules for real-time execution.

SQL GENIE (Agent)
- Lightweight AI agent for querying CSV/Excel files using natural language
- Features include file upload, column detection, context-aware prompts, and human-readable analytical summaries.

AI Safe Drive
- Real-time driver emotion detection and response system. Used CNNs + OpenCV to detect emotion states.
- Triggered alert systems and mood-based music playback for safety and personalization.

flux-lora-pic-trained
- Personalized AI LoRA model trained on personal photos using the FLUX.1-dev base model via fal.ai. Leverages LoRA fine-tuning for capturing personal aesthetic and generating individual style images with strict access controls and an OpenRAIL license. Trigger word: Prashanth

EDUCATION

| 2021 – 2025 | **B.Tech in Computer Science (AI)** |
| | Vivekananda Global University, Jaipur |

- CGPA: **8.76 / 10**

CERTIFICATES

- MCP Server course completion certificate (Huggingface)

- AI Agents Course Certificate(Huggingface)

- Natural Language Processing with Probabilistic Models (DeepLearning.AI)

- Machine Learning Training service(MATLAB@UCL)

- Prompt Engineering (Coursera)

- Expert in the Python Django (Simple Learn)

- Agile with Atlassian Jira (Coursera)

- Database management Systems (NPTEL -2023)

- Data Science Training (Internshala)

LANGUAGES

- English, Hindi, Telugu

EXTRACURRICULAR ACTIVITIES

Founder, WEDNES AI
- Designed and deplyed a full-stack no-code platform for building AI agents (RAG Agent, SQL agent , Image Gen) Agents via modular components (LLMs, vector DBs, tools, UI, Frameworks, etc.).
- Enabled users to configure, preview, and export deployable agent code through a step-by-step builder interface.
- Built live preview, code generation, and component configuration systems with real-time feedback loops.