

VISHWANATH R

AI Engineer | GenAI / LLM Specialist | AI Fullstack Developer

UAE – Visit Visa | Immediately Available
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Nationality: Indian | DOB: 16/04/2002 | Marital Status: Single
[LinkedIn](#) | [GitHub](#) | [Portfolio](#)



PROFESSIONAL SUMMARY

AI Engineer and Full-Stack Developer with **1+ year of experience** delivering production-grade AI systems, LLM-powered platforms, and intelligent automation solutions across **four live enterprise products**. Specialized in Generative AI using OpenAI, Groq & Gemini APIs, RAG, AI Agents, and full-stack development using Python and FastAPI. Holds an **M.Sc. in Data Science & Business Analytics** — currently in the UAE on a Visit Visa and immediately available.

CORE SKILLS & TECHNOLOGIES

Programming	Python, SQL
Generative AI & LLMs	OpenAI API, Groq API, Gemini API, RAG (Retrieval-Augmented Generation), AI Agents, Prompt Engineering, Semantic Search, LLM Orchestration
Machine Learning	Supervised & Unsupervised Learning, Feature Engineering, Model Evaluation, NLP, Transformer Models
Deep Learning	Neural Networks, CNNs, RNNs, Transfer Learning, Transformer Fine-Tuning
Statistics	Descriptive & Inferential Statistics, Probability, Hypothesis Testing, Regression Analysis
Frameworks & Backend	FastAPI, LangChain, Streamlit
Libraries	Hugging Face Transformers, FAISS, Scikit-learn, Pandas, NumPy
Deployment & DevOps	Docker, Git, GitHub, GitHub Actions, REST API Design, Cron Jobs, Celery
Data Integration	HikVision Biometric System Integration, Device-to-Server Data Synchronization
Analytics & BI	Power BI, Microsoft Excel
Automation Tools	n8n, Flowise
Dev Tools	VS Code, Google Colab
Languages	English (Professional), Tamil (Native)

PROFESSIONAL EXPERIENCE

AI Engineer

May 2025 – Present

DigiDARA Technologies Pvt Ltd | Tiruchirappalli, India

Project 1: DigiDARA AI Academy – Full-Stack AI-Powered LMS

Role: Project Lead & Full-Stack AI Developer | Live: [digidaraaiacademy.com](#)

- Led end-to-end delivery of DigiDARA AI Academy — an AI-powered LMS — overseeing full product lifecycle from architecture and frontend to backend engineering, admin systems, and AI integration
- Engineered robust Python & FastAPI backend: structured course delivery engine, secure timed-assessment framework, automated result evaluation, and digital certificate generation pipeline — reducing manual certification overhead by ~80%
- Built centralized Admin Control Panel for course configuration, learner administration, exam scheduling, certificate issuance, and real-time analytics; integrated automated email notification system
- Deployed two context-aware AI Chatbots: Platform Assistant for LMS navigation & onboarding; Course-Specific Doubt Clarification Chatbot trained on course content — improving learning outcomes and reducing instructor dependency

Project 2: Career Mate AI Agent – KNCET Career Portal

Role: AI Backend Developer | Live: kncetcareer.in

- Engineered automated job aggregation pipelines with an LLM-powered career agent delivering personalised job recommendations and career guidance through an intelligent conversational interface with real-time REST API connectivity
- Architected structured student placement tracking workflows (application → interview → offer); developed institution-wide analytics dashboards for placement performance metrics and department-wise outcomes

Project 3: DigiDARA People – HRMS & Biometric Integration

Role: Full-Stack Developer & AI Engineer | Live: digidarapeople.com

- Developed production-grade HRMS covering Employee Management, Attendance Tracking, and Leave Administration; built HikVision biometric integration pipeline — auto-syncing every 30 mins via Cron/Celery, saving HR ~2–3 hours daily
- Integrated two AI Chatbots: pre-login Homepage Assistant and post-login Authenticated HR Chatbot connected to live databases — enabling instant access to attendance records, leave balances, and HR information

Project 4: GIA People – Client HRMS Platform

Role: Full-Stack Developer & AI Engineer | Live: giapeople.com

- Client-facing HRMS extending DigiDARA People with GPS-based attendance (geo-fenced check-in within 100m) replacing hardware dependency with mobile-based real-time tracking
- Multi-Branch Management: independent employee rosters, attendance & leave data per branch; centralized admin dashboard for cross-branch visibility and easy employee allocation

AI PORTFOLIO PROJECTS

DOCUMIND – Enterprise AI Document Intelligence System

GitHub: [DOCUMIND-ENTERPRISE-AI](https://github.com/DOCUMIND-ENTERPRISE-AI)

- Enterprise-grade RAG system using FAISS semantic search + LLM response generation; multilingual Arabic & English support targeting Middle East enterprises with multi-turn memory, summarization, and data extraction
- Features dark/light UI, document chunking & embedding pipelines, and API-ready scalable architecture designed for seamless enterprise integration

AI Banking Customer Support System (Arabic & English)

GitHub: [AI-BANKING-CUSTOMER-SUPPORT-CHATBOT](https://github.com/AI-BANKING-CUSTOMER-SUPPORT-CHATBOT)

- Bilingual LLM-powered UAE banking support system with NLP-based intent recognition, conversational workflows for account/transaction queries, and Voice Assistant with STT & TTS in Arabic & English
- Structured for extension into a full AI agent with tool integration and real-time API connectivity — directly applicable to UAE fintech and banking environments

Real Estate AI Advisor & Lead Capturing System (UAE)

GitHub: github.com/Vishwanathamrishi (In Progress)

- Building an AI-powered UAE real estate advisor using n8n + Flowise with dual chat UI; fetches live property data via Bayut API, answers investor queries, property recommendations, and UAE market questions
- Engineered AI lead capture: collects investor details, stores to Google Sheets, triggers email alerts, and classifies leads as Hot/Warm/Cold using AI scoring — with matched listings emailed for prioritized follow-up

AWARDS & ACHIEVEMENTS

AI Excellence Star Award (2026) – DigiDARA Technologies Pvt Ltd: Recognized for outstanding contribution in developing AI-driven enterprise systems and delivering high-impact production solutions.

EDUCATION

M.Sc. in Data Science & Business Analytics

2024 | 81%

Vels Institute of Science, Technology & Advanced Studies, Chennai

B.Sc. in Mathematics

2022 | 84%

Sri Krishna Arts & Science College, Coimbatore

CERTIFICATIONS

- Python, SQL & Excel – Udemy