

RAJAN PANWAR

PYTHON DEVELOPER

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SUMMARY

Results-driven Python Developer with over a year of experience in backend development, data scraping, and web automation. Expertise in Flask, FastAPI, and SQL/NoSQL database integration. Experience with AWS S3 and Linux environments, delivering scalable code for diverse client projects. Collaborates effectively with remote teams and adapts to existing codebases in fast-paced workflows.

SKILLS

 Python	 Neo4j Graph memory	 Python Libraries
 Django/Flask	 SQL/NoSQL	 Git/Github
 Fast API/ Restful API	 RAG System	 Orchestrator
 AI Agents	 Vector memory (Chroma DB/FAISS)	 Client Handling

PROFESSIONAL EXPERIENCE

AtAppisoft Technologies LLP | Python developer and BDE March 2025 - March 2026

- Built a Python-based multi-agent AI platform with orchestrator-driven agent selection and task execution.
- Developed and consumed APIs for integrating AI agents, model providers, and enterprise workflows. Contributed to backend architecture for scalable, modular, and extensible AI agent systems.
- Implemented vector database memory for semantic search, contextual retrieval, and conversation continuity.
- Customized AI behavior for enterprise-specific use cases by designing domain-aware prompts and routing logic, integrating backend systems to enhance contextual relevance.
- Enhanced system robustness through error handling, retry mechanisms, fallback models, and performance monitoring.
- Resolved issues with paid model APIs, addressing billing constraints, rate limiting, token usage, provider downtime, and response failures to ensure seamless functionality.
- Managed client communication and understood business requirements to align technical solutions with client needs.

IT DOUBT | Python developer Sep 2024 - March 2025

- Developed backend systems for visa consultancy websites, streamlining user management, appointment booking, and document handling with Flask and FastAPI.
- Integrated SQL/PostgreSQL databases and deployed applications on Linux servers using Docker, optimizing backend operations for improved performance.
- Engineered a secure payment processing backend for the FriendPay application, integrating third-party payment gateways and developing an automated "Email-to-Pay" billing system to streamline transaction workflows and improve user checkout efficiency.
- Built data refining pipelines for cleaning and transforming large datasets to improve accuracy and support decision-making.

- Developed and maintained Python-based applications to solve complex problems and improve functionality.
- Gained hands-on experience in the software development lifecycle, including requirements gathering, coding, testing, and debugging.
- Collaborated with cross-functional teams to ensure timely project delivery, strengthening teamwork and communication.
- Gained knowledge of industry best practices and tools for application in business development processes.

EDUCATIONAL QUALIFICATIONS

Master’s of Technology (CS)

Shobhit University Gangoh | Saharnpur (UP)
04/2024 - 05/2026

Bachelour’s of Technology (CSE)

Shobhit University Gangoh | Saharnpur (UP)
04/2020 - 05/2024

Intermediate

Jawahar Navodaya Vidyalaya | Haridwar (UK)
04/2018 - 04/2020

High School

Jawahar Navodaya Vidyalaya | Haridwar (UK)
04/2016 - 04/2018

FREELANCE PROJECTS

Data Scraping and other projects

- Freelance Web Scraping for Travel Visa Agency: Scraped government visa portals to automate data collection and application tracking.
- Backend Developer for Student Visa Consultancy Website: Built API endpoints, implemented user registration, and managed SQL database for document storage.

Local AI agent

- Successfully deployed and configured a custom AI agent on a local environment, fine-tuning the model to align with specific operational requirements and deliver context-aware responses based on proprietary datasets.
- Architected a sophisticated RAG (Retrieval-Augmented Generation) system integrating Neo4j graph databases and vector memory to manage complex data relationships and high-dimensional embeddings for precise information retrieval.

CERTIFICATIONS

Python for Data Science - Coursera
AI Models and RAG system - GFG

LANGUAGES

Hindi - Native
English - Proficient