

TAIMOOR RAZA ASIF

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SUMMARY

Software Engineer focused on AI-driven automation and Retrieval-Augmented Generation (RAG). Proficient in Python, Node.js, and React, with a track record of developing custom AI agents, scraping tools, and financial applications that optimize performance and scale.

WORK EXPERIENCE

RAG & AI Solutions Developer

Oct 2025 – Present

- **Nuvoletro** (Content Automation with RAG): Engineered a content repurposing system that transcribes YouTube videos and uses Retrieval-Augmented Generation (RAG) to generate platform-specific posts for LinkedIn, Twitter, and Instagram. Implemented vector search to retrieve context and ensure high-quality output.
- **LegacyLens** (Code Refactoring Agent): Developed an automated agent using RAG to analyze and modernize legacy codebases. Designed the system to interact directly with file systems for autonomous refactoring.
- Tech Stack: Python, LangChain, Vector Databases, OpenAI API, File System I/O.

Workflow Automation Engineer (n8n Specialist)

Nov 2025

- WhatsApp AI Assistant: Designed and deployed a custom n8n workflow using Webhooks to intercept incoming WhatsApp messages, process user intent via LLMs, and trigger autonomous responses.
- Tech Stack: n8n, Webhooks, Node.js, JSON, API Integrations.

AI Solutions Developer (Project: Auto-Docs)

Nov 2025 - Dec 2025

- Engineered an AI Agent that utilizes the Google Gemini API to automatically generate OpenAPI 3.0 documentation from raw source code.
- Implemented Smart Long-Term Memory (LTM) and SHA hashing for caching to optimize API costs.
- Tech Stack: Node.js, Express, Gemini API.

Full Stack AI Developer (Project: ILM-ORA)

- Developing a comprehensive career guidance platform utilizing custom Python scrapers to gather real-time university data.
- Integrated machine learning models to generate personalized career roadmaps based on user academic profiles.
- Tech Stack: React, Node.js, Python, MongoDB, Custom Scraping.

EDUCATION

Bachelor of Software Engineering

Aug 2022 - Aug 2026

Fast Nuces, Islamabad

- Relevant Courses: Applied AI, Natural language processing, Process Mining

SKILLS

Languages

Python, JavaScript, C++

AI / LLM Technologies

RAG, LangChain, Prompt Engineering, Vector Databases, LLM APIs

Databases

MongoDB, MySQL, MS SQL Server, Vector Databases, PostgreSQL

Automation & Integrations

n8n, Webhooks, REST APIs, JSON Workflows

DevOps & Tools

Git, GitHub, Docker, Kubernetes, GitHub Actions, Jenkins, Postman, VS Code