

# HAFIZ MUHAMMAD FAIZAN

AI Automation Engineer | Prompt Engineer | LLM Applications & Workflow Automation

Lahore, Pakistan (Open to Remote) | +92 304 9515581 | faizanmanan424@gmail.com | linkedin.com/in/hafiz-faizan

## PROFESSIONAL SUMMARY

AI Automation Engineer with 2 years of experience building production LLM applications, AI voice agents, and end-to-end workflow automation. Skilled in prompt engineering for OpenAI GPT and Anthropic Claude, Retrieval-Augmented Generation (RAG), function calling, and structured outputs, with prompt frameworks achieving 95%+ task completion in production. Builds Python RPA, REST API and webhook integrations, and n8n, Zapier, and Make.com pipelines connecting CRMs, databases, and communication tools, backed by a strong foundation in web data extraction and ETL.

## TECHNICAL SKILLS

**AI & LLMs:** Generative AI, Large Language Models (LLMs), OpenAI API (GPT), Anthropic Claude API, Prompt Engineering, RAG, Function Calling / Tool Use, Structured Outputs, JSON Schema, Few-Shot and Chain-of-Thought Prompting, Context Management, AI Agents, AI Voice Agents, Chatbots, Vapi, ElevenLabs

**RAG & LLM Infrastructure:** pgvector / Pinecone / Qdrant / Chroma · Embeddings, Chunking, Reranking, Hybrid Search · LangChain / LangGraph / LlamaIndex · Evals, LangSmith / Langfuse, Guardrails · FastAPI, Pydantic, Async · AWS / GCP, CI/CD, GitHub Actions · MCP (Model Context Protocol)

**Automation & Integration:** n8n, Zapier, Make.com, Workflow Automation, Robotic Process Automation (RPA), REST APIs, Webhooks, OAuth, API Integration, CRM Automation

**Programming & Data:** Python, SQL, PostgreSQL, Pandas, JSON, Regular Expressions, ETL and Data Pipelines, Data Cleaning and Validation

**Web Scraping & Browser Automation:** Selenium, Playwright, Scrapy, BeautifulSoup, Requests, OCR, Headless Browsers

**DevOps & Reliability:** Docker, Logging and Monitoring, Error Handling and Retry Logic, Production Deployment

**Languages:** English (Professional Working Proficiency), Urdu (Native)

## PROFESSIONAL EXPERIENCE

**Hat兹 Dimensions** — Lahore, Pakistan

Nov 2024 – Present

Progressed through three roles spanning data extraction, prompt engineering, and AI automation.

### AI Automation Engineer

Aug 2025 – Present

- Design and deploy end-to-end workflow automation using Python, n8n, Zapier, Make.com, and custom REST APIs, taking solutions from business requirements to production.
- Built 12+ production automation pipelines integrating HubSpot, Slack, and PostgreSQL, eliminating ~30 hrs/week of manual data entry across 3 client accounts.
- Engineer secure API integrations using OAuth and webhook-driven, event-based architectures for real-time data synchronization across multiple platforms.
- Embed OpenAI and Claude LLM calls into automation workflows to add AI-driven decision-making and content generation.
- Harden production workflows with error handling, retry logic, logging, and monitoring, and package services with Docker for consistent deployment.

### Prompt Engineer

Apr 2025 – Aug 2025

- Designed system prompts for 6 AI voice agents handling ~2,000 inbound calls/month; lifted lead-qualification accuracy from 71% → 94% and cut average handle time by 40s.
- Built reusable prompt engineering frameworks that consistently achieved 95%+ task completion and response accuracy across production AI agents.
- Applied RAG, function calling, JSON Schema structured outputs, few-shot, and chain-of-thought techniques with OpenAI and Claude models to improve reliability and output consistency.
- Collaborated with engineering teams to integrate prompt-driven AI into backend systems, APIs, and automation workflows.

### Jr. Data Analyst & AI Engineer

Nov 2024 – Apr 2025

- Developed high-performance web scraping solutions with Python, Selenium, Playwright, Scrapy, and BeautifulSoup for large-scale data extraction.
- Built automated ETL pipelines to extract, clean, validate, and transform structured and unstructured web data using Pandas, Regular Expressions, and OCR.
- Engineered resilient scrapers for dynamic, JavaScript-rendered websites using headless browser automation, session management, and rate limiting.
- Improved scraping throughput and reliability through parallel execution, browser optimization, intelligent retries, and robust exception handling.

## EDUCATION

**BS Computer Science** – Lahore Garrison University, Lahore

2022 – 2026 (Expected)