

Vishal Sahil

AI Automation Engineer | AI Agents Builder | Workflow Automation Specialist

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PROFESSIONAL SUMMARY

AI Automation Engineer and AI Agents Builder with hands-on experience designing intelligent workflow systems using Python, OpenAI APIs, LangChain, and n8n. Proven ability to eliminate 10+ hours of manual work weekly for founders and SMBs through custom AI pipelines, chatbots, and agentic systems. Passionate about building scalable, measurable solutions at the intersection of LLMs, automation, and software engineering.

TECHNICAL SKILLS

Languages & Frameworks: Python, FastAPI, LangChain, OpenAI API, REST APIs

AI & ML: Large Language Models (LLMs), Prompt Engineering, AI Agents, RAG Pipelines, Conversational AI

Automation Tools: n8n, Make (Integromat), Zapier, Workflow Orchestration

Development: API Integration, Multi-Agent Systems, Regression Testing, CI/CD Workflows

Other: Web Development, Digital Marketing, Business Process Optimization

EXPERIENCE

AI Automation Engineer (n8n) — Freelance

Oct 2025 – Present

Independent Consultant | Karachi, Pakistan

- Engineered end-to-end n8n automation workflows integrating 10+ third-party APIs, reducing client onboarding time by over 40% and eliminating repetitive support processes.
- Optimized business operations for SMB clients by identifying and automating manual bottlenecks, achieving measurable efficiency gains across sales, support, and operations pipelines.
- Collaborated directly with founders and product teams to scope, deploy, and iterate AI-driven solutions, consistently delivering productivity improvements within 2-week project cycles.
- Designed reusable workflow templates and documented automation architectures, enabling clients to self-manage and scale systems post-delivery.

Prompt Engineer (OpenAI API) — Freelance

Dec 2025 – Present

Independent Consultant | Karachi, Pakistan

- Architected advanced prompt frameworks and tool-integrated LLM agents within n8n, improving task precision and structured output reliability by 35%+.
- Built production-grade conversational flows with memory management, guardrails, and fallback handling, reducing client support ticket backlog significantly.
- Designed and executed regression testing pipelines to evaluate prompt quality and agent consistency across model updates, ensuring stable output across Claude, GPT-4o, and Gemini APIs.
- Developed custom evaluation frameworks to benchmark model performance, enabling data-driven decisions on prompt strategy and model selection.

PROJECTS

AI-Powered Lead Engagement System | Python, LangChain, n8n, OpenAI API

2025

- Built a fully automated lead nurturing pipeline integrating CRM webhooks, AI-generated personalized outreach, and follow-up scheduling — reducing manual sales effort by 60%.

Automated Content Pipeline | n8n, Make, OpenAI API, Social Media APIs

2025

- Designed a multi-platform content generation and publishing system that scaled social media output 5x while maintaining brand consistency through custom prompt templating.

Centralized AI Customer Support Agent | FastAPI, LangChain, OpenAI, Webhooks

2025

- Developed a RAG-based AI chatbot replacing fragmented manual support workflows; integrated knowledge base retrieval, escalation routing, and conversation memory for seamless user experience.

EDUCATION

Millennium Institute of Technology and Entrepreneurship (MITE)2024 - 2028 (Expected)

Bachelor of Computer Science — Computer Systems, Networking & Telecommunications | Karachi, Pakistan

Superior College of ScienceCompleted

Computer Science (Intermediate) | Pakistan

CORE COMPETENCIES

AI Systems Design · LLM Fine-Tuning & Evaluation · Multi-Agent Orchestration · API Integration · Workflow Automation · Business Process Optimization · Prompt Engineering · RAG Architecture