

VISHAL SAHIL

AI Automation Engineer | AI Agents Builder | Prompt Engineer
+92-305-8377755 | vishalsahilofficial@gmail.com | linkedin.com/in/vishal-sahil-ai | Karachi, Pakistan

PROFESSIONAL SUMMARY

AI Automation Engineer with hands-on experience designing intelligent workflow systems using Python, OpenAI APIs, LangChain, and n8n, and building full-stack AI-powered products with FastAPI, React/Next.js, and RAG pipelines (Pinecone). 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, React, Next.js, LangChain, OpenAI API, REST APIs

AI & ML: LLMs, Prompt Engineering, AI Agents, RAG Pipelines (Pinecone), Conversational AI, Multi-Agent Systems

AI Platforms: Claude (Anthropic), GPT-4o, Gemini

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

Databases & Deployment: MySQL, Aiven, Vercel, Render, API Integration, CI/CD, Regression Testing

PROFESSIONAL EXPERIENCE

AI Automation Engineer (n8n) | Freelance — Independent Consultant

Oct 2025 – Present

- Engineered end-to-end n8n automation workflows integrating 10+ third-party APIs, reducing client onboarding time by 40% and eliminating repetitive support processes.
- Automated manual bottlenecks for SMB clients across sales, support, and operations pipelines, achieving measurable efficiency gains 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 — Independent Consultant

Dec 2025 – Present

- 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, significantly reducing client support ticket backlog.
- Developed regression testing pipelines and custom evaluation frameworks to benchmark prompt quality across Claude, GPT-4o, and Gemini model updates.

KEY PROJECTS

Sadabahar Restaurant AI Chatbot | FastAPI · LangChain · React/Next.js · Pinecone · Google Sheets API → [sadabahar-restaurant-bot.vercel.app](#)

- Built a RAG-powered ordering chatbot with context-aware menu understanding; automated order-to-confirmation pipeline writing to Google Sheets in real time and triggering confirmation emails.

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

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

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

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

MediCore — Hospital Management System | FastAPI · React/Next.js · MySQL · Vercel · Render · Aiven → [medicore-hms-fastapi.vercel.app](#)

- Developed a full-stack hospital management system covering patient records, appointments, and staff workflows; deployed frontend on Vercel, backend on Render, and MySQL on Aiven.

EDUCATION

Bachelor of Computer Science | Millennium Institute of Technology & Entrepreneurship (MITE)

2024 – 2028 (Expected)