Abuzar Saleem

AI Engineer
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Summary

AI Engineer building production LLM systems, autonomous agents, and full-stack AI platforms across CRM, voice automation, and internal-tools domains. Specializes in LangChain orchestration, OpenAI and Gemini integrations, FastAPI, and Next.js. Track record shipping AI features into live platforms used by real teams, with human-in-the-loop controls, structured fallbacks, and real-time observability

Skills

LLMs and AI: OpenAI, LangChain, RAG, NLP, TensorFlow, PyTorch, Transformers, Computer Vision, prompt engineering
Backend: FastAPI, Flask, REST APIs, PostgreSQL, Supabase
Data Science: NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn
Automation: N8N, Zapier, Selenium, DrissionPage, Twilio
Tools and Infra: Git/GitHub, Docker, Google APIs (Sheets, Gmail)

Experience

Ai Data House (SMC-PVT) LTD Present
Automation Enginer *Onsite Islamabad*

- Build AI-powered automation workflows using n8n, Make, and AI agents.
- Integrate OpenAI, LLMs, REST APIs, webhooks, and third-party services.
- Develop CRM and business process automations to reduce manual work.
- Design and optimize end-to-end workflows for operational efficiency.
- Implement reliable workflows with error handling and continuous optimization.

Schmoozzer
AI Engineer *Remote*

- Designing and deploying AI-driven automation systems that optimize business workflows and improve operational efficiency.
- Building and integrating AI agents and multi-step n8n workflows to automate client-facing and internal business processes end-to-end.
- Designed and shipped AI receptionist and lead-generation chatbots (OpenAI + LangChain) automating client intake across voice and chat, replacing manual follow-up workflows in a live CRM.
- Built and integrated Flask APIs powering core CRM client-facing flows; improved reliability and reduced response time for key endpoints.
- Engineered Selenium data pipelines scraping LinkedIn and TikTok at scale, feeding structured outreach and analysis workflows.

Gobind Trades LTD
Automation Engineer Intern *Remote*

- Develop AI agents, workflow automations, API integrations, and LLM-based solutions to automate business processes, improve operational efficiency, and enhance productivity
- Integrated third-party APIs and webhooks into automated pipelines, enabling seamless data flow between Google Sheets, Slack, and CRMs.

Projects

Packform Email Automation | *n8n, Gmail API, Packform REST API, OpenRouter LLM, Airtable, Telegram*

- Built an end-to-end email automation system for a packaging distributor — classifying quotes, orders, and supplier replies into 11 workflows, applying pricing and margin rules, and delivering owner reports and ops tasks automatically.

Autonomous RAG Support Agent | *N8N, Supabase (Vector Store), OpenAI, Telegram*

- Built RAG-powered support agent querying a Supabase vector database for accurate, context-aware Telegram responses; implemented confidence-based escalation routing uncertain queries to human agents.

E-commerce Analytics AI Dashboard | *Next.js, FastAPI, PostgreSQL, Python, Docker, OpenRouter*

- Built an AI-powered e-commerce analytics dashboard using Next.js, FastAPI and PostgreSQL that unifies Meta Ads, website and WooCommerce data, with an AI assistant answering business questions via SQL.

Education

Arid Agriculture University 2022 – 2025
B.Sc. Computer Science *Burewala, Pakistan*

NEXSKILL — Arfa Tower, Lahore 2024
Full-Stack AI Development Course — Certificate