Hamza Naqvi

AI Automation Engineer | AI Agents, n8n, LLM Integrations, Workflow Automation

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SUMMARY

Software engineer who builds AI agents and automations that teams use every day. Shipped ALI, an assistant that answers UK crypto tax questions with the exact HMRC source, and automations that replace manual marketing, lead handling and content work. Brings 5+ years of full-stack web experience, so integrations ship with the database, auth and front end around them, not as isolated scripts.

SKILLS

- **AI and LLMs:** OpenAI and Anthropic APIs, OpenRouter, prompt design, retrieval over documents, AI agents and multi-agent orchestration
- **Automation:** n8n, webhooks, REST API integration, Playwright browser automation, web scraping (Apify), ManyChat
- **Backend and data:** Node.js, PHP, SQL, PostgreSQL, Supabase (Auth, Row Level Security)
- **Frontend:** JavaScript (ES6+), React, Vite, HTML5, CSS3
- **Platforms:** WordPress, Shopify, WooCommerce, FlutterFlow
- **DevOps:** Git, GitHub, Netlify, Docker, cPanel

EXPERIENCE

IT Operations, Web and Digital Marketing Manager | Crypto Accountants, United Kingdom (Remote) | Jul 2025 – Present

- Designed and shipped ALI, an AI assistant for crypto accounting. It quotes the relevant HMRC Cryptoassets Manual section with a source link, reads uploaded PDFs, summarises client cases and drafts replies.
- Build AI marketing agents and automations for the internal team, and run the firm's web platform: main site, forum, academy and assistant.
- Own hosting, security and uptime across all sites, plus technical SEO and link building.

Senior Software Engineer (part-time contract) | Tech Goes Global, United States (Remote) | Dec 2025 – Present

- Automate the company's website processes and connect a Shopify store to a Node.js backend and a React dashboard.

Senior Web Developer | Jome Journey, Singapore (Remote) | Jul 2023 – Present

- Build Google Ads landing pages for Singapore property launches as reusable, scoped components; every page is written to ad policy and tested on desktop, tablet and mobile.

Freelance AI, CRM and Web Developer | Remote | Sep 2020 – Present

- Build AI chatbots, custom CRMs and n8n workflows for small businesses, alongside 200+ WordPress and Shopify websites.
- Set up an Instagram comment-to-DM funnel: a keyword comment triggers a public reply and a two-step DM that delivers a resource.
- Built browser automation and scraping jobs with Playwright and Apify for lead research and data collection.

Earlier roles: WordPress Developer, Strategic Investments LLC, UAE (Remote), Jul 2023 – Nov 2023 | WordPress Developer, Digicon Valley, Lahore, Jan 2023 – Aug 2023 | Sales Specialist, Corcel, Lahore, Feb 2022 – Dec 2022

SELECTED PROJECTS

ALI, AI assistant for crypto accounting | cryptoaccountants.ai/chat

- Domain assistant grounded in HMRC guidance: returns the law, a direct quote and the official manual URL for each answer, so accountants can verify it in one click.

RENXW CRM | Co-founder and technical lead | React, Vite, Supabase, PostgreSQL

- Multi-tenant agency CRM: 86 tables, 15 roles, 88 permissions enforced with Row Level Security, 834 passing tests and 425 tenant-isolation checks.
- Roadmap work on an automation engine, AI agents and a follow-up engine on top of the CRM data.

PromptForge Academy | promptforge.academy

- Free AI-skills learning site with 9 course tracks, a prompt library and free tools.

EDUCATION

BS Software Engineering | The University of Lahore, Pakistan | 2019 – 2023