RIZAK HASSAN

Forward-Deployed AI & Automation | Enterprise Deployment | Technical Consulting
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PROFESSIONAL SUMMARY

Solution consultant, engineer and founder with 5+ years deploying AI and automation into enterprise environments at IBM and Resolver, a Kroll business. Owns customer engagements from pilot through production launch: discovery, integration configuration, hands-on build and post-launch troubleshooting. Ships production code in Python, TypeScript and React, works fluently with REST APIs and SQL, and has taken an LLM agent pipeline into a live, regulated healthcare workflow. Comfortable running several engagements at once in ambiguous, fast-moving environments.

EXPERIENCE

Solution Consultant, EMEA | Resolver, a Kroll Business, London *Jun 2025 – Present*

- Own enterprise GRC deployments end to end — requirements discovery through configuration, integration and production launch — running multiple client engagements concurrently.
- Deploy the platform's AI capabilities into client risk and compliance workflows, including automated gap analysis across risk and control libraries to surface coverage weaknesses that manual review misses.
- Designed and delivered automated integration workflows removing 15–20 hours/month of manual administrative effort per client division, driving 95%+ platform adoption within 60 days.
- Serve as primary post-launch technical resource, troubleshooting production issues across configuration logic, data state and API behaviour, reducing client support escalations by 30%.
- Act as trusted advisor to client risk, compliance and IT teams, translating complex technical behaviour for non-technical stakeholders.

Founder | SmartStream Consulting, London *Oct 2024 – Present*

- Founded and run an AI automation consultancy, delivering agents and workflow automation to SMB and healthcare clients end to end — requirements, build, deployment and ongoing support.
- MediScribe.ai, flagship product: architected and shipped an AI agent pipeline automating NHS clinical coding across ICD-10 and OPCS, combining LLM inference, retrieval-augmented generation over a coding corpus and a human-in-the-loop clinician review interface.
- Took the product from pilot to production, designing ingestion of unstructured clinical documentation, transformation into structured outputs, and audit trails meeting governance requirements in a regulated setting.
- Build and integrate against third-party and REST APIs using Make.com, Zapier and custom services to connect customer systems and eliminate manual operational work.
- Stack: Python, SQL, MongoDB, LLM APIs including OpenAI and Anthropic, Hugging Face, RAG, React, TypeScript and Docker.

Technology Consultant | IBM UK, London *Feb 2021 – Sep 2024*

- Engaged enterprise clients across energy, financial services and healthcare to diagnose operational challenges and design AI and automation solutions.
- Led POCs and MVPs that validated solution fit and secured stakeholder buy-in ahead of full production rollout.
- Wrote and maintained production React/TypeScript code for the BP Pulse UK EV charging platform, driving a 30% increase in daily active users and a 20% reduction in application crashes.
- Debugged live issues in customer-facing production environments, tracing code paths, API requests and data state to isolate root cause.
- Partnered with DevOps teams on CI/CD pipeline optimisation, reducing release cycles from weeks to days and lowering deployment failure rates.

TECHNICAL SKILLS

AI & Agents: LLM APIs including OpenAI, Anthropic and Hugging Face, retrieval-augmented generation, agent and workflow design, prompt engineering, output evaluation, human-in-the-loop systems

Engineering: Python, TypeScript, JavaScript, React, React Native, Django, SQL, MongoDB

Integration & Platform: REST APIs, webhooks, microservices, data modelling, Make.com, Zapier, Docker

Tooling: Git, GitHub, Azure DevOps, CI/CD, Jira, Postman, browser and infrastructure dev tools

Customer-Facing: Discovery, solution design, pilot-to-production delivery, rollout planning, user enablement and training, stakeholder management

EDUCATION & CERTIFICATIONS

- MSc Computer Science, Distinction — Queen Mary University of London
- BSc Computer Science, First Class Honours — Leeds Beckett University
- Watson AI Technical Essentials, IBM Data and AI, 2024

VOLUNTEERING

- Coding Club Lead, Bright Centres, Lambeth North (Sep 2025 – Present) — weekly coding programme for children aged 9–14.