

NABEEL IMRAN

AI Engineer · Intelligent Automation · GenAI Systems · Full-Stack AI Products

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PROFESSIONAL SUMMARY

Production-focused AI Engineer with 4+ years of hands-on experience delivering enterprise-grade automation systems, GenAI applications, and full-stack AI products for international clients. Specialized in designing and shipping intelligent RPA pipelines using Axiom.ai, n8n, and Make.com integrated with OpenAI, LangChain, and custom decisioning logic alongside full-stack development across React, Next.js, Node.js, and FastAPI. Currently engineering the Veremark Background Screening Automation Platform at Peersol: a multi-country enterprise compliance system with 4 live production bots handling Australian AFP checks, Philippines criminal records, UK Directorship verification, and Employment validation. Brings a problem-solver mindset to every engagement diagnosing root causes, evaluating competing technical approaches, documenting thoroughly, and communicating proactively with both engineering teams and non-technical business stakeholders.

CORE SKILLS & TECHNOLOGIES

AI & GenAI	GPT-4o, Claude, Gemini, LangChain, RAG, Vector Search, Prompt Engineering, Fine-tuning, AI Agents, Computer Vision (YOLO)
Automation & RPA	n8n (Cloud + Self-hosted), Make.com, Axiom.ai, Browser Automation, Webhook Architecture, ETL Pipelines, API Orchestration
Full-Stack Development	React.js, Next.js, TypeScript, Node.js, FastAPI, Django, React Native, Flutter, TailwindCSS, REST APIs, GraphQL
Languages	Python, JavaScript, TypeScript
Databases	PostgreSQL, MongoDB, Firebase, Supabase, MySQL
Cloud & DevOps	AWS, Docker, GitHub, CI/CD, Vercel, Netlify, Azure, GCP
Enterprise Tools	Monday.com GraphQL API, Workday (Custom Objects, RAAS Reports, API Migration), Airtable, Notion
AI Tools	Cursor AI, GitHub Copilot, ElevenLabs, Runway, Midjourney, Stable Diffusion, Replicate

WORK EXPERIENCE

AI Engineer

Peersol Consulting · Staff Augmentation: Veremark (UK-based Enterprise Platform) · August 2024 – Present · Islamabad, Pakistan

Allocated as AI Engineer to Veremark — a global enterprise background screening platform based in the UK — working directly with their engineering leadership, operations analysts, and product managers on a staff augmentation model.

- Engineered and deployed 4 live RPA bots for Veremark's enterprise compliance operations: Australian Federal Police (AFP) Check, Philippines Criminal Record Check, UK Directorship Verification, and Employment Check — all running in production, adopted by Veremark's dedicated operations teams of 5–6 personnel per check type.
- Designed a Rule-Based Decisioning Engine for UK Directorship verification: auto-generates 6 name variants per candidate, cross-references Gov.uk company registry data against Veremark's internal VNET portal, and classifies check outcomes with a 95/100 efficiency score — with mandatory fallback-to-manual SOP logic for audit compliance.
- Built an Audit-Log Engine and Analytical Benchmarking System for AFP automations, enabling Veremark's operations leadership to quantify and report time savings per check versus manual baseline workflows.
- Architected and delivered a POC Package Creation Automation (client-approved): reads candidate data from Monday.com via GraphQL API, drives Axiom.ai browser automation to create criteria packages inside Veremark's UI, and syncs status back to Monday.com — reducing package setup from 45+ minutes to under 2 minutes per client onboarding.
- Evaluated competing automation technologies (Gemini Computer Use vs Axiom.ai) with a structured written analysis, recommending Axiom.ai for production based on UI stability, reliability on complex dynamic interfaces, and enterprise audit requirements.
- Implemented secure credential handling for production Axiom workflows using Base64 encoding and AWS Secrets Manager, resolving a production security requirement raised during client review.
- Integrated OpenAI GPT-4o for intelligent candidate data normalization, structured extraction from unstructured inputs, and automated decision summaries across multi-country screening workflows.

- **Delivered n8n orchestration flows** triggered by Monday.com webhooks to auto-configure country-specific screening criteria packages — reducing 45-minute manual package creation to under 2 minutes.
- **Communicated directly with Veremark's international stakeholders** — conducted weekly status calls, produced Loom video walkthroughs, flowchart documentation, and structured weekly written updates.
- **Served as Workday integration specialist** — configured Custom Objects, developed RAAS-based reporting pipelines, and led migration from Studio-based to custom API-driven architectures for enterprise HR data.

IoT & Computer Vision Intern

Zigron · July 2022 – September 2022 · Islamabad, Pakistan

- Developed Computer Vision models for production-constrained real-world datasets: object detection, segmentation, and classification using YOLO architectures, with end-to-end model deployment pipelines.
- Built applied AI systems under production data constraints — embedding practical ML engineering discipline into model training, validation, and inference optimization.

KEY PROJECTS

Veremark Background Screening Automation Platform — *Axiom.ai · n8n · Monday.com GraphQL · OpenAI GPT-4o*

- Enterprise RPA platform: 4 live production bots replacing manual multi-country background screening workflows. Monday.com webhook → n8n orchestration → Axiom.ai browser execution → real-time VNET sync. Zero manual input required.
- Ruling Engine with name-variant logic, Gov.uk + VNET cross-referencing, and multi-case decisioning — deployed on Veremark's production Axiom accounts. Audit-Log Engine enabling management benchmarking reports.

RankGuide — AI Content Generation & Marketing Platform — *Next.js · Node.js · PostgreSQL · OpenAI API*

- Production SaaS at tools.rankguide.io: AI marketing chatbot and social media post generator. Full-stack: Next.js + Node.js + PostgreSQL, streaming responses, dark/light Tailwind UI, user auth, scalable multi-tool architecture.

Social Media Content Generation SaaS — *OpenAI · Next.js · Make.com · Node.js · Docker · TypeScript*

- 12-tool AI creator platform: content ideation, scripts, bios, repurposing pipelines, engagement prediction, and bulk content generation. Make.com scheduling integration for cross-platform auto-publishing. Content library with CSV export.

GenAI Scene Generator — Cinematic AI Video Platform — *Google Imagen 3 · GPT-4 Vision · React · Next.js*

- AI web app transforming written scripts into cinematic video sequences (real photography, 3D animation, digital painting) with consistent character memory across scenes, real-time progress tracking, and full MP4 download.

AI TikTok Content Automation Pipeline — *n8n · OpenAI · ElevenLabs · Runway*

- Fully automated content factory: topic ideation → GPT-4o script → ElevenLabs voiceover → Runway video → auto-posting — producing 5–10 videos/day. Custom n8n Code node workaround enabling complex API chaining at production scale.

LinkedIn & Upwork Job Intelligence System — *n8n · OpenAI · Slack*

- Automated job discovery pipeline: scrapes LinkedIn and Upwork every 30 minutes, filters by relevance, generates AI-personalized proposals with GPT-4o, and delivers structured job packages to Slack for one-click review.

EDUCATION

Bachelor of Engineering (BE) — Electronic Engineering

COMSATS Institute of Information Technology, Islamabad · 2020 – 2024

CERTIFICATIONS

- IBM AI Engineering Professional Certificate — Coursera (IBM)
- Full Stack Software Developer — IBM (Coursera)
- AI Engineering Bootcamp — Udemy