

# NIKESH JAGDISH MALIK

Technical Project Manager | AI Solutions Engineer | Solution Design & Delivery  
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Immediately Available | UK Graduate Visa (valid 2028) | No Sponsorship Required

## PROFILE SUMMARY

Applied AI and technical delivery professional with **4+ years** designing solutions, managing projects, and shipping products. Led cross-functional teams of up to **15 staff**, delivered **5 AI-powered products** from concept to launch, reduced LLM API costs by **96%** (£800/mo → £30/mo), improved delivery times by **30%**, and cut infrastructure costs by **40%**. Experienced in solution design, technical architecture, stakeholder management, requirements gathering, implementation coordination, and client-facing delivery. Strong communicator who translates complex technical concepts into clear business outcomes. **MSc Advanced Computer Science (Merit), University of Birmingham.**

## CORE COMPETENCIES

**Solution Design & Architecture | Technical Project Management | Stakeholder Management | Requirements Gathering & Scoping | AI Solutions & Implementation | Cross-Functional Team Leadership | Client-Facing Communication | Agile Delivery | Workflow Automation | Cost Optimisation | Technical Documentation | Implementation & Onboarding | Risk Management | Vendor Coordination**

## PROFESSIONAL EXPERIENCE

### AI Solutions Engineer — Delivery & Implementation | CMS Desk | London, UK (On-site) | Jun 2025 – Present

- Designed and delivered applied AI solutions for construction and procurement automation — scoping requirements with stakeholders, architecting solutions, and managing delivery end-to-end
- Built **multi-client document extraction and labelling pipeline** — AI extracts, classifies, and labels documents across client accounts, feeding rebate management, POD linking, and invoice reconciliation workflows
- Delivered **2D/3D blueprint analysis system** — automated material extraction from construction blueprints for procurement planning
- Built **rebate management system** — cross-references supplier invoices against contracts to identify eligible items automatically
- Designed and delivered **Spencer AI** — agentic internal assistant that auto-answers database queries, plans multi-step tasks, and routes to tools autonomously
- Implemented **multi-model LLM routing** across open-source (Llama, Mistral, DeepSeek) and commercial APIs (GPT, Claude, Gemini via AWS Bedrock, Azure OpenAI, GCP Vertex AI) — **reducing costs by 96%** (£800→£30/mo)
- Built **custom observability platform** tracking LLM cost, latency, errors, and token usage across all AI workflows
- Selected and deployed **Hetzner with Coolify** over AWS/GCP — achieving **70%+ infrastructure cost reduction** while maintaining production reliability

### Founder — Technical Delivery & Product Management | PenPixel Ltd | UK & India (Remote) | Sep 2023 – Jun 2025

- Founded and led digital solutions company delivering AI-powered products, websites, and automation for businesses across UK and India — managing **end-to-end delivery** from requirements through launch
- Way2Packers** — delivered **400+ page** logistics platform with AI chatbot (Gemini), **13 API endpoints**, quote system, **80+ city pages**, 18 deep area pages for local SEO (Next.js, React, TypeScript, MongoDB)
- News in Pixel** — automated short-form news platform grown organically to **100K+ monthly impressions** on LinkedIn within 6 months
- Pixel EMS** — architected multi-tenant HR management platform for UK SMEs with AI-powered workflows (**MVP stage**, pre-seed fundraising)
- Social Pixel** — AI-powered social media management and SEO audit tool (in development, **15-20 clients in pipeline** at £5,999/mo)
- Managed cross-functional team of up to **15 staff** — coordinated delivery timelines, implemented workflow processes that **reduced delivery times by 30%**, trained and onboarded **10+ team members**
- Delivered client services: websites, AI automation, SEO, and social media solutions across logistics, tax, education, and marketing sectors

### Technical Operations Manager | Way2Class LLC | United States (Remote) | Sep 2022 – May 2025

- Managed technical operations and cross-functional delivery — coordinating **frontend, backend, marketing, and SEO teams** ensuring on-time delivery across all projects
- Supervised up to **15 staff** — hiring, onboarding, task delegation, performance management, and driving accountability
- Oversaw development of **employee management platform** (Next.js, Node.js, Firebase, GCP) used across **multiple companies** for attendance, payroll, and leave management
- Led hiring process — sourcing, screening, and onboarding technical and non-technical team members
- Managed **SEO strategy** and web development oversight — coordinating content production, technical SEO, and site performance
- Drove legacy-to-modern architecture migration, **reducing infrastructure costs by 40%**

## KEY PROJECTS

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- **Way2Packers** — 400+ page platform | AI chatbot | 13 APIs | 80+ cities | Deep SEO | Next.js, React, MongoDB, Gemini
- **Spencer AI** — Agentic AI assistant | Database queries | Multi-step task planning | Tool routing | LangChain, Python
- **Blueprint Analysis** — AI material extraction from 2D/3D construction blueprints | Procurement automation
- **Multi-Model LLM Routing** — 6+ providers | 96% cost reduction | Open-source + commercial models
- **Custom Observability Platform** — LLM cost, latency, error tracking | Built from scratch
- **MSc Dissertation** — Benchmarked 12 LLMs across 1,144 bugs & 4,320 evaluations | Distinction grade (75/100)

## EDUCATION

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**MSc Advanced Computer Science (Merit) — University of Birmingham, UK | Sep 2024 – Sep 2025**

*Dissertation: "Open vs Closed LLMs vs Traditional Linters" — Distinction (75/100). Benchmarked 12 LLMs across 1,144 bugs with statistical validation (ANOVA, Welch's t-test). 2 published research papers (IRJET).*

**B.Tech Computer Engineering (First Class, CGPI: 9.01/10) — Pillai College of Engineering, Mumbai | Aug 2020 – May 2024**

*Specialisation: Blockchain & Cybersecurity. Smart India Hackathon participant (2022-2024). 2nd Place, Inter-College Business & Startup Competition.*

## CERTIFICATIONS

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Qdrant Essentials (100% Score) | LangGraph | LangChain Python | Agent Observability & Evaluations — LangChain Academy & Qdrant, 2026

## TECHNICAL SKILLS

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<b>Languages:</b>	Python, TypeScript, JavaScript, C++
<b>AI &amp; LLM:</b>	LangChain, LangGraph, RAG, pgvector, Qdrant, GPT, Claude, Gemini, Llama, Mistral, DeepSeek, BERT, PyTorch
<b>Frameworks:</b>	FastAPI, Flask, Next.js, React, Node.js
<b>Cloud &amp; Infra:</b>	AWS Bedrock, Azure OpenAI, GCP Vertex AI, Docker, Hetzner, Coolify, Vercel, n8n, CI/CD
<b>Databases:</b>	PostgreSQL, MongoDB, Redis, Firebase
<b>Delivery:</b>	Agile, Scrum, Stakeholder Management, Solution Design, Requirements Gathering, Technical Documentation

## ADDITIONAL INFORMATION

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- **Languages:** English (Full Professional) | Hindi (Native)
- **Right to Work:** UK Graduate Visa (PSW) valid until 2028 — no sponsorship required, no hour restrictions
- **Location:** London SE10 | Willing to work on-site, hybrid, or remote | **Available immediately**
- **Publications:** 2 peer-reviewed research papers (IRJET) | 100+ technical articles (GeeksforGeeks, Tutorialspoint)