Anas Abdi

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Target

AI Deployment Engineer / Forward Deployed Engineer / Applied AI Engineer

Profile

BSc Computer Science finalist graduating in July 2026 and on track for First-class honours, building TeachClaw, a deployed AI assistant for teachers. Strongest at turning ambiguous workflows into working AI systems: LLM orchestration, model routing, eval harnesses, Docker/VPS deployment, production debugging, and customer-facing iteration. Comfortable working across TypeScript, Python, full-stack product code, and live runtime operations.

Core Skills

- AI systems: LLM orchestration, prompt contracts, agent routing, tool use, eval harnesses, MCP, retrieval/RAG, memory design, audit/readiness gates.
- Engineering: TypeScript, JavaScript, Python, FastAPI, Next.js, Express, Prisma, PostgreSQL, SQLite.
- Deployment: Docker, Hetzner VPS, Render Blueprint planning, health checks, smoke tests, GitHub Actions CI/CD, gateway/runtime debugging.
- Product: user discovery, founder-led support, workflow mapping, technical writing, rapid prototyping.
- Security/ops: secrets boundaries, runtime isolation, approval gates, production guardrails, incident postmortems.

Experience

Founder / AI Engineer, ShortlistOps / TeachClaw

2026 - Present

Built TeachClaw, an AI operating layer for UK secondary school teachers delivered through Telegram and browser surfaces.

- Designed and deployed a live OpenClaw-based runtime that routes teacher requests into worksheet, PPT, marking, and feedback workflows.
- Built deterministic artifact routes where LLM outputs become .docx, .pptx, mark schemes, and marking reports through Python builder scripts.
- Deployed teacher runtimes on Hetzner VPS with Docker/OpenClaw containers, plugin bundles, skills, and guarded live smoke checks.
- Built and operated local test-gateway and agentic eval lanes for routing, context carry, artifact behavior, tool discipline, and teacher-memory behavior.
- Debugged production-shaped incidents across repo source, runtime mirrors, gateway-loaded payloads, and live VPS copies.
- Ran model-routing and context-cost experiments; validated Qwen-first/Sonnet-depth-pass direction and reduced estimated deck cost from a historical $0.70 premium-only baseline to about $0.038 on a validated staged local route.
- Reviewed real teacher usage over 10 active days and 95 teacher messages; first classroom-use event produced a Year 8 poetic techniques lesson for the next school day.

Builder / Operator, OpenClaw Runtime Setup

2026 - Present

Used OpenClaw as the operating system beneath TeachClaw and as a local AI operator cockpit.

- Configured gateway, plugins, agent contexts, skills, crons, browser/chat surfaces, and LCM long-context memory.
- Created a reliability-first operator setup with command surfacing, local validation lanes, and explicit local/live safety boundaries.

- Turned repeated deployment failures into reusable rules, validation checks, and promotion summaries.
- Worked with long-context memory data, summaries, and session recall to preserve operational history across workstreams.

Full-Stack Developer, Story Trials Final Year Project

2025 - 2026

Built a decentralized licensing system for synthetic health datasets using Story Protocol.

- Implemented a Next.js frontend, Express API, Prisma/PostgreSQL database, IPFS metadata flow, and wallet authentication through RainbowKit/WalletConnect.
- Registered synthetic datasets as IP assets on Story Protocol Aeneid testnet and supported marketplace browsing, licence purchase, and royalty tracking.
- Demonstrated 14 registered assets and 7 licences with real on-chain transactions.
- Passed all 6 core functional workflows and 35 automated Vitest tests.
- Ran usability testing with 5 participants, producing an average SUS score of 88.5.

Additional AI / Infrastructure Projects

- Published uk-curriculum-mcp, an MIT-licensed MCP server exposing structured GCSE exam-spec data to AI assistants.
- Built Spec Factory to extract 17 GCSE specifications across AQA, Edexcel, and OCR with provenance metadata.
- Built SparkAssist, a field-service AI assistant for electricians that converts rough notes and voice notes into structured job data, compliance documents, quotes, invoices, RAMS, and EICR PDF reports.
- Built AI Deployment Gateway, a public-safe FastAPI service demonstrating deployment readiness patterns: ingestion, source-grounded retrieval, eval runs, SQLite persistence, API-key write protection, audit events, readiness gates, rollback plans, metrics, Docker, CI, hosted smoke proof, and Render Blueprint deployment config.

Education

Brunel University London

BSc Computer Science, graduating July 2026

On track for First-class honours

Selected Projects

- TeachClaw: live AI assistant for teachers with document generation, marking, memory, browser/chat surfaces, VPS deployment, and eval harnesses.
- OpenClaw Operator System: gateway/runtime/memory setup for agent orchestration and product validation.
- Story Trials: full-stack Web3/health data licensing prototype with real testnet transactions.
- SparkAssist: Telegram-based electrician assistant with voice-note transcription, structured extraction, certificate/report generation, and BS7671 reference support.
- UK Curriculum MCP: published MCP server for structured UK exam specification access.
- AI Deployment Gateway: FastAPI mini-project with retrieval, evals, SQLite persistence, audit events, API-key write protection, launch-readiness checks, public smoke-tested hosting, Docker, GitHub Actions, and Render Blueprint config.

Role Fit

Best fit for teams building production AI systems with customers: forward-deployed engineering, applied AI, technical deployment, AI solutions engineering, and founder-style product engineering roles.