

Habeeb Damilare Mustapha – Agentic AI Engineer

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SUMMARY

Senior AI Systems Engineer with hands-on experience architecting AI-native transformation and building enterprise-grade agentic systems that translate complex operations, organisational knowledge, and cross-functional workflows into scalable AI infrastructure, from prototype to production. Two-time founding AI engineer skilled at shaping organisational AI strategy, partnering with executive and cross-functional stakeholders, and translating complex technical workflows into practical systems with clear business value.

EXPERIENCES

Head, AI Operations | Zone Payment Network | Lagos, Nigeria | Full-time | Remote | March 2025 - Present

- Own the design, deployment, and operationalisation of AI systems across People, Finance, Operations, Product, Engineering, and executive leadership, aligning initiatives with business objectives and high-impact opportunities.
- Built the company's multi-function AI operating system and agentic digital coworker fleet, moving AI from isolated productivity tools into governed organisational infrastructure.
- Partner with the CEO, CTO, VPs, and cross-functional leaders to prioritise AI initiatives and design intelligent operating layers for task management, executive follow-through, product delivery, knowledge management, automation governance, and digital workforce coordination.
- Integrated organisational context, internal workflows, documentation, and operational data into AI-enabled systems that improve visibility, decision-making, execution speed, and continuity.
- Established reusable frameworks, playbooks, governance standards, adoption practices, stakeholder enablement, documentation, workflow redesign, and change management to support responsible AI agent development, deployment, monitoring, and organisation-wide adoption.

Agentic AI Automation Engineer | Zone Payment Network | Lagos, Nigeria | Full-time | Remote | October 2025 - February 2026

- Designed, built, deployed, and maintained AI agents and automation systems across core business functions, with focus on accuracy, scalability, security, and operational usefulness.
- Worked directly with executive and technical stakeholders to identify high-value AI use cases and embed AI capabilities into existing workflows, products, and business operations.
- Built centralised AI systems that combined organisational data, business context, internal documentation, and workflow logic to improve operational intelligence and decision support.

AI Automation Specialist | Profound Careers | Delhi, India | Full-time | Remote | April 2025 - September 2025

- Audited business workflows and identified automation opportunities across project delivery, CRM, lead generation, outreach, human resources, and client communication.
- Designed automated systems using n8n, Microsoft Graph, Asana, Meta API, OpenAI, Snov.io, and Instantly, contributing to a 4x increase in lead volume.
- Built scalable programmatic SEO automation for Invoice Simple, supporting a 47% increase in traffic and a 35% lift in Top 3 keyword rankings.
- Implemented intelligent lead segmentation by niche, geography, and engagement history, improving campaign response rates by 35%.

AI Automation Engineer | Optide Parnership | Texas, US | Contract | Remote | November 2024 - March 2025

- Designed and deployed AI-powered automation workflows using n8n, OpenAI APIs, REST APIs, and third-party integrations, reducing manual workloads by up to 90% for clients across real estate, e-commerce, and education.
- Built AI-powered onboarding, communication, and operational workflows using n8n, OpenAI, Google Sheets, Gmail API, and Slack to improve client capacity and execution speed.
- Built voice assistant workflows using Chatbase, Twilio, and Vapi for cold-lead follow-up and appointment workflows, contributing to a 25% uplift in client conversion.
- Worked directly with the CTO to scope automation roadmaps, prioritise implementation opportunities, and align technical delivery with business goals

AI Automation Sepcialist | Freelance | Remote | November 2022 - October 2024

- Designed and deployed AI-powered automation systems for small and mid-sized businesses, integrating n8n, OpenAI API, webhooks, and multiple platform APIs to replace manual processes.
- Built end-to-end lead generation systems covering scraping, enrichment, segmentation, and AI-personalised outreach, improving conversion rates by up to 4x.
- Created AI voice assistant workflows for appointment booking and cold-lead reactivation using Vapi, Twilio, and OpenAI, achieving 30–40% recovery rates for lost prospects.
- Developed multi-platform social media content generation and scheduling systems for Facebook, Instagram, and LinkedIn, saving clients 8+ hours per week.

HIGHLIGHTED PROJECTS

Multi-Function AI Operating System and Agentic Digital Coworker Fleet | Enterprise AI Infrastructure

- Designed and implemented a multi-function AI operating system that connects work intake, organisational knowledge, task execution, review, reporting, and continuity across core business functions.
- Built an agentic digital coworker fleet model for regulated fintech operations, defining role structures, access boundaries, escalation paths, knowledge flows, continuity records, management visibility, and adoption controls.
- Moved AI usage from isolated assistance into governed organisational infrastructure, enabling AI systems to support People, Finance, Operations, Product, Engineering, App Admin, SI, Settlement and executive workflows with clearer accountability and operational control.

Agentic SDLC and Product Delivery Acceleration System | Software Delivery Transformation

- Built an agentic software delivery layer that integrates AI coding environments and development agents into the existing SDLC across planning, ticket interpretation, implementation, review, documentation, and delivery follow-through.
- Connected tools such as Codex, Claude Code, Cursor, Antigravity, Jira, Bitbucket, and internal delivery workflows to create a faster product execution system while preserving engineering context, traceability, and review discipline.
- Helped shift product development from manual handoffs and fragmented implementation cycles toward AI-assisted delivery, where agents support code generation, debugging, documentation, task progression, and release readiness.

Semi-Autonomous Task Intelligence and Executive Work Management | Decision-to-Execution Systems

- Built the intelligence layer for converting organisational objectives, leadership decisions, initiative trackers, operational requests, and follow-up actions into structured work items with owners, status, context, review queues, and escalation paths.
- Designed the system to preserve accountability from decision to execution, linking work to business priorities such as ZonePay rollout, merchant operations, investor requests, product delivery, and digital workforce implementation.
- Extended the operating model across executive workflows, meetings, email-based requests, and cross-functional follow-ups so that important work could be captured, contextualised, assigned, tracked, and reviewed without relying on informal coordination

Desktop SPoC Operating System and Single Point of Contact Application | Enterprise Operations Interface

- Developed the product and implementation architecture for a desktop-based single point of contact operating system that unifies work management, approvals, files, browser-based tasks, status visibility, and handoffs across human and digital operations.
- Designed the application as a professional operating surface for enterprise coordination, with clear workspace separation, contextual orchestration, observability, governance, and role-aware interaction patterns.
- Set the product direction away from brittle command-based automation toward a structured desktop application experience capable of supporting complex operational workflows and digital coworker execution.

Organizational Knowledge, Capability and Governance Infrastructure | Knowledge Systems and Operating Discipline

- Implemented a scalable capability lifecycle covering source-of-truth documentation, reusable operating procedures, review gates, controlled publication, synchronisation, and continuity across the company's digital operations environment.
- Strengthened operational governance through access control, audit readiness, sensitive-data handling, service health checks, system documentation, incident remediation, and reduction of public exposure and security risks

SKILLS

Agentic SDLC: Codex, Claude Code, Cursor, Antigravity, AI-assisted software delivery, agentic development workflows, Jira, Bitbucket, code review support, delivery documentation, implementation planning

AI Operations and Agentic Systems: Multi-agent systems, digital coworker design, agentic workflow design, AI operating models, RAG pipelines, vector databases, embeddings, prompt engineering, context engineering, governance workflows

Automation and Workflow Platforms: n8n, Zapier, Make.com, Microsoft Power Platform, Airtable, HubSpot, Asana, Notion, Salesforce,

LLMs, Agents & Generative AI: OpenClaw | Hermes | NanoClaw | LangChain | Grok | Perplexity AI | Voice Agents (Vapi, Twilio, Chatbase)

API, Data & Template: Python | REST APIs | Jinja | Webhooks | JSON | Data Parsing | Microsoft Graph APIs | Google Cloud

CERTIFICATIONS

Professional Certificate, Artificial Intelligence | University of Maryland

Advanced n8n Workflow Developer | Udemy

Workflow Systems Specialist | Asana

EDUCATION

BSc. Quantity Surveying | First-Class Honours | 2018–2024

University of Lagos