

VIBHU PATEL

AI Automation Engineer

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PROFILE

AI Automation Engineer shipping production systems that replace manual work with reliable code. I run Mintellion, a UK automation consultancy with 7 active clients and 20+ delivered projects built on n8n, Claude, OpenAI, and Python. My systems publish 43 social posts per week with 10 minutes of human input, triage 300+ daily emails with zero urgent misses, and run autonomous lead generation across new cities every day with no human input after setup. Also developing UNBOXAPI, a Model Context Protocol (MCP) framework that lets AI assistants transact directly with third-party service APIs. Master's in Computer Networks and Security from the University of Essex. Three years of IT infrastructure experience before moving into AI engineering.

KEY SKILLS

AI & Automation	n8n (Expert), Agentic Workflows, Model Context Protocol (MCP) Connectors, Prompt Engineering, LLM Integration (OpenAI, Claude, Gemini), Claude Code, Cursor
API & Integration	REST APIs, OAuth 2.0, JSON, HTTP Requests, Webhooks, Google APIs, Meta Graph API, Firebase, Firestore
Development	JavaScript, Python, SwiftUI (iOS), Node.js, Bash, HTML/CSS, Docker
Cloud & Infra	Amazon Web Services (AWS), Microsoft Azure, Firebase, Windows Server, Linux, macOS, Active Directory
Networking	LAN/WAN, Routing and Switching, Network Security, Cisco, Virtual Private Cloud (VPC), Firewalls, TCP/IP, DNS

PROFESSIONAL EXPERIENCE

AI Automation Engineer

Aug 2025 to Present

Mintellion · Glasgow, United Kingdom (Remote)

- Design and ship AI-powered n8n workflows for 7 active clients. 20+ production systems running across marketing automation, inbox management, lead generation, and autonomous publishing.
- Built an AI marketing engine that researches competitors via HTTP APIs, pulls Google Trends data, generates on-brand content, and publishes 43 posts per week across 6 platforms with 10 minutes of human input.
- Built an AI email organiser processing 300+ daily emails per client. It classifies every message, drafts context-aware replies in the client's tone using Claude and OpenAI, and saves drafts in Gmail for human review. Zero urgent emails missed since rollout.
- Shipped autonomous lead generation pipelines that target a new city each day, enrich contact data, send personalised emails, log every interaction, and follow up after 5 days with no human input after setup.
- Built reliability into every workflow with structured error handling, real-time Slack and Gmail alerts, and JSON debugging, keeping client systems running with minimal intervention.

Product Developer

Sep 2025 to Present

UNBOXAPI · United Kingdom (Remote)

- Developing a product that lets small businesses connect to AI assistants like Claude, ChatGPT, and Gemini, so customers can order and book directly through AI with no code changes on the business side.
- Architected custom Model Context Protocol (MCP) connectors that let LLMs call third-party service APIs, and designed API gateway layers for secure two-way data exchange between AI chat interfaces and external services.

IT Support Engineer

Nov 2024 to Aug 2025

Haitches & Siya · United Kingdom (Hybrid)

- Provided IT support across Windows, Linux, and macOS environments, administering Active Directory, Microsoft 365, and endpoint devices.
- Handled device imaging, patching, system configurations, and LAN/WAN setups, resolving incidents through service desk systems to keep downtime minimal.

Pharmacy Manager

Oct 2023 to Nov 2024

Rosewood Pharmacy · United Kingdom (On-site)

- Managed daily operations, staff coordination, and customer service for a busy retail pharmacy alongside completing a full-time Master's degree.
- Improved internal workflows, inventory handling, and reporting, reducing errors and lifting operational efficiency.

IT Support and Networking Engineer

Jun 2021 to Aug 2023

Satyamev Infotech · India

- Delivered technical support for 12+ business clients, resolving 20+ tickets per week through structured root-cause analysis of system, hardware, and network issues.
- Designed and deployed secure infrastructure including Virtual Private Clouds (VPCs), subnets, and gateways, maintaining 99% network uptime across client environments.
- Administered Active Directory permissions and Group Policy for Microsoft 365. Configured Cisco-managed switches and structured cabling. Promoted from intern to engineer within six months.

SHIPPED PRODUCTS AND KEY PROJECTS

AI Marketing Engine. Production n8n workflow chaining competitor research, live trend analysis, multi-LLM content generation, human-in-the-loop approval, and scheduled publishing across 6 social platforms. Rejected content feeds back into the agent to improve the next output. Publishes 43 posts per week with 10 minutes of human input.

AI Email Organiser and Reply Engine. Autonomous email triage system processing 300+ daily emails per client. Classifies and labels every message, separates priority from noise, and drafts context-aware replies in the client's voice using Claude and OpenAI. Drafts saved to Gmail for human review.

Autonomous Lead Generation System. Fully autonomous n8n pipeline that identifies target audiences in a new city every day, enriches contact data, sends personalised outreach emails, logs every interaction, and follows up after 5 days if no reply. No human input after setup.

LinkedIn Autonomous Publishing System. Self-running publisher that reverse-engineers 2,000+ high-performing posts to learn style patterns, generates posts in the user's voice, runs benchmark scoring and quality checks, and only publishes when thresholds pass. Delivered one post with 20,000+ reach in 3 days of fully autonomous operation.

ZEN (iOS App). Native mood tracking and journaling app built with SwiftUI, Firebase for cloud sync, OpenAI GPT-4 as an AI companion, and WidgetKit for home screen widgets. Features chat-style journaling, weekly mood visualisation, a 365-day challenge tracker, and streak metrics.

MCP Service Connector Framework. API middleware that lets AI agents carry out real-world transactions like ordering and booking through third-party services, with no backend changes on the provider side.

EDUCATION

MSc Computer Networks and Security 2024

University of Essex · United Kingdom

Modules: Programmable Networks, Network Security, Computer Security

BE Computer Engineering 2022

Ahmedabad Institute of Technology · India

Modules: Data Structures, IoT, Cyber Security, System Software

CERTIFICATIONS

Claude Code in Action · Anthropic Mar 2026

Claude 101 · Anthropic Mar 2026

Google Prompting Essentials · Coursera Aug 2025

Google AI Essentials · Coursera Jul 2025

Google IT Support Professional Certificate · Coursera Jun 2025