

Ali Alhababi

AI Integration & Automation Engineer

Kuwait City, Kuwait · +965 6575 5514 · a.alhababi@outlook.com

Portfolio: aliturnover.com/en/work



PORTFOLIO

PROFILE

Computer Engineer who connects AI models, APIs and workflows to real business systems and deploys them into working environments. I build with Python, JavaScript/Node.js, n8n, LLM APIs and Docker on Linux servers. I ship working systems, then test, debug and make them reliable.

SELECTED PROJECTS

Self-Hosted AI Agent + WhatsApp LLM APIs · Linux VPS · Scheduled tasks

AI agent on my own server that connects language models, tools and scheduled tasks to WhatsApp for day-to-day automation.

Fund / Loan Management Platform Node.js · Express · MySQL · JWT · PM2 · Nginx

Arabic RTL platform for community lending groups, with member and admin workflows, loan approvals, repayment tracking, PDF/Excel reports and scheduled WhatsApp/email reminders. Deployed as separate production instances for client organisations.

Automated Content Production Pipeline Python · Claude CLI · TTS · FFmpeg · YouTube Data API · OAuth2

Takes a topic from research to a scheduled, published video: script, voice, AI visuals, assembly with captions, then publishing through the API. Every stage can resume after a failure, and it includes A/B testing of image approaches.

Arabic AI Carousel Pipeline n8n · LLM APIs · Webhooks · HTML rendering · Slack · Airtable

Turns Arabic content into structured slides, renders them to HTML, then produces social media images. Each carousel needs human approval in Slack before it publishes. This later became reusable rendering tooling.

Personal Budget System Python · FastAPI · MongoDB · Docker

Imports financial statements, categorises transactions, runs analysis and plans debt payoff. The demo uses fictional data.

Additional work: Almagzal, a custom WordPress/PHP Arabic RTL website live for a paying client · browser-based learning games combining software, interaction design and educational mechanics.

EXPERIENCE

AI Integration & Automation Developer — Independent, Kuwait

2024 – Present

- Connect LLM APIs (Claude, OpenAI-compatible, Gemini, Groq) to real content, operations and client workflows
- Build automations with n8n, REST APIs, webhooks, agents, and Slack/WhatsApp integrations
- Develop Python and Node.js systems from requirements through deployment
- Test models and providers for cost, quality and reliability; build error handling so failed jobs resume, not restart
- Deploy and run services on a Linux VPS with Docker, PM2, Nginx and cron

System Analyst — Under Development (UD) — Kuwait Oil Company (KOC)

Oct 2024 – May 2026

- Structured development program in system analysis, SQL and the Blazor framework
- Documented business requirements and worked with cross-functional teams

Content & Operations — ALPASSION (2022–24, 2026–Present) · KAFO (2024–Present)

2022 – Present

- Ran content, events and intern coordination in small teams where each person covered several roles

SKILLS

AI Integration	LLM APIs (OpenAI-compatible), Claude, Gemini, Groq, prompt design, agents, model selection
Automation	n8n, REST APIs, webhooks, Slack/WhatsApp integrations, cron
Development	Python, JavaScript/TypeScript, Node.js, FastAPI, Express, React, HTML/CSS
Data & Infrastructure	MySQL, MongoDB, SQL, Docker, Linux/VPS, Nginx, PM2, Git, Cloudflare
Additional	WordPress/PHP, Playwright, FFmpeg
Languages	Arabic (native), English (fluent)

EDUCATION

B.Sc. Computer Engineering — Kuwait College of Science and Technology (KCST)

2018 – 2022

English Language Program — University of Central Florida, USA

2013 – 2014