

ABDULLAH RAGAB AL ALI

AI Software Engineer | Full-Stack Developer | AI Automation Engineer

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PROFESSIONAL SUMMARY

Computer Science student specializing in Software Engineering at Zewail City, AI Intern at FlyRank AI, and founder of ABUD Platform. Builds production-ready LLM applications, AI agents, SaaS products, ERP systems, and automation workflows from architecture through Dockerized Linux deployment. Hands-on with Python, TypeScript, Next.js, Node.js, PostgreSQL, RAG, vector search, function calling, and VPS operations.

CORE EXPERTISE

AI / LLM: OpenAI, Claude, Gemini, AI Agents, RAG, Vector Databases, Prompt Engineering, Function Calling, LLM Workflows

Full Stack: Python, TypeScript, JavaScript, Next.js, React, Node.js, REST APIs, PostgreSQL, Prisma ORM, Tailwind CSS

Automation / DevOps: n8n, Webhooks, Telegram and WhatsApp APIs, Docker, Docker Compose, Linux, Nginx, PM2, Cloudflare, Git, GitHub, CI/CD

PROFESSIONAL EXPERIENCE

AI Intern | FlyRank AI

2026 - Present

- Contribute to AI-powered workflows and LLM applications, including prompt design, integration, testing, and AI-assisted software development.
- Translate business and product requirements into practical AI workflows while documenting implementation decisions and validating outputs.

Founder & Full-Stack Developer | ABUD Platform

2024 - Present

- Architect and ship full-stack platforms, ERP modules, AI tools, Telegram bots, and workflow automations using Next.js, TypeScript, Node.js, PostgreSQL, Prisma, and n8n.
- Build LLM-powered features and integrations using RAG, vector search, function calling, webhooks, and third-party APIs.
- Deploy and operate Dockerized applications on Linux VPS infrastructure using Nginx, PM2, Cloudflare, backups, monitoring, and production release workflows.

Digital Seller & Content Creator | Abed Stores

2017 - 2022

- Managed digital sales, customer support, marketing, multimedia content, and day-to-day online business operations.

SELECTED PROJECTS

RepoRadar AI | TypeScript, Node.js, CLI, Vitest

Built a local, privacy-first repository intelligence tool that generates 13 structured outputs, including architecture, security notes, fix plans, GitHub issues, and AI-agent prompts without paid AI.

OG ERP System | Next.js, TypeScript, Prisma, PostgreSQL

Developed and deployed an Arabic-responsive ERP for sales, orders, customers, inventory, invoices, dashboards, and operational reporting.

AI Customer Support Agent | RAG, LLM APIs, n8n, WhatsApp, Telegram

Created a knowledge-grounded support agent that synchronizes company files and answers customers consistently across WhatsApp and Telegram.

Abud Shorts Engine | Docker, Remotion, TTS, Pexels API

Built a local Docker-based pipeline for branded short-video generation with scripted scenes, captions, stock footage, voiceover, and automated rendering.

EDUCATION & CERTIFICATIONS

Zewail City of Science, Technology and Innovation - B.Sc. Computer Science, Software Engineering focus | 2024 - Present

20+ AI Certifications - Anthropic Academy (full certificate list available on LinkedIn)

Languages - Arabic (Native), English (Intermediate), French (Intermediate)