

AHMED NAJIBE

Full-Stack Developer — Laravel · Vue · React · Django

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🌐 linkedin.com/in/ahmed-m-najibe 🏠 github.com/ahmednajibe 📍 Suez, Egypt (open to remote)

Summary

Full-Stack Developer with 2+ years building production web platforms for government and enterprise clients. Primary stack Laravel with Vue 3 / TypeScript and Next.js / React, plus Python and Django for automation and real-time systems. Experienced owning systems end to end — architecture, REST API design, database modelling, frontend delivery, and production debugging. Currently building government health and AI recruitment platforms for a Saudi healthcare technology company.

Work Experience

Full-Stack Developer

Feb 2026 – Present

4D (Medical Fourth Contact Centers), Saudi Arabia — Remote

- Rebuilt a **Saudi government health platform** (ncmh.org.sa) from a legacy Laravel monolith into a versioned REST API powering a Vue 3 + TypeScript SPA — 68 views, 62 data models, 90+ endpoints, and a documented design system compliant with Saudi government platform standards. Proposed the rebuild, secured leadership approval, and delivered it solo.
- Built an **AI recruitment platform** (career.4d.sa) solo end to end, where CV upload auto-fills the application form via OpenAI parsing, HR receives weighted AI candidate scoring with hash-based result caching, and interviews are scheduled with calendar invites and Microsoft Teams meetings — targeting an ~80% reduction in HR screening time.
- Architected a **multi-tenant white-label B2B SaaS analytics portal** (React/MUI + Laravel + Filament): onboarding a new tenant is a single admin-panel record, with each tenant's upstream API brokered through a server-side proxy using per-user encrypted credentials so no key ever reaches the browser.
- Took ownership of the internal **HR portal** (262 commits) and made it the company's operations hub — SMS OTP authentication over a Saudi gateway, an instructions system with read-tracking analytics, IT ticketing, and a central OTP/identity API consumed by other internal systems.
- Delivered deep **Microsoft Teams integration**: a Teams Tab with silent Entra ID SSO and a native Bot Framework bot with Adaptive Cards, hosted on existing cPanel infrastructure at zero additional cloud cost.
- Diagnosed a production outage that produced **no entry in any application log** — an upstream WAF was silently blocking responses because a facility licence number passed a credit-card checksum — by bisecting the JSON payload field by field over HTTP, then documented the root cause and long-term fix for the team.

Teaching Assistant (Data Science & SQL)

Dec 2025 – Mar 2026

Ain Shams Academy

- Taught SQL database design and management to 20+ students, covering normalization, indexing, and query optimization.
- Assisted in Data Science modules on data analysis and predictive modelling, achieving an 85% average student satisfaction rating.
- Led 8 hands-on sessions on hardware troubleshooting and system diagnostics, simplifying complex technical concepts.

IT Branch Lead & Full-Stack Developer

Oct 2024 – Dec 2025

Egyptian Armed Forces — Military Service

- Directed IT operations and supervised a 5-person technical team delivering 3 internal projects.
- Co-built the backend of a **real-time logistics coordination platform** (with one collaborator handling the frontend) — Django REST Framework API over PostgreSQL with 13 data models, three-tier role-based access control, and audit logging.
- Implemented **WebSocket push via Django Channels** so multiple operators mutating the same records stay in sync, with derived status recomputed automatically through model signals.
- Built multi-template PDF and Excel reporting with full **Arabic RTL** rendering (ReportLab with glyph reshaping and bidirectional text handling), and packaged on-premises LAN deployment with one-click installers for non-technical operators.

Course Instructor (Python & OOP)

Aug 2023 – Sep 2024

Oraby Academy

- Designed and delivered 5 structured curricula for Python and Object-Oriented Programming across 6-7 student groups, teaching 30+ students.
- Achieved a 90% course completion rate through engaging teaching methods, personalized attention, and strong student relationships.
- Created regular hands-on coding exercises and end-of-course projects to reinforce concepts and ensure practical skill development.

Independent Projects

TaskNodeBot <i>Python, python-telegram-bot, async SQLAlchemy, PostgreSQL, Cloudflare R2</i>	2026
• Built a Telegram-native task management product for organisations — three-tier role-based access control, a reviewed task lifecycle with revision loops, and cloud file attachments. • Structured as 20 handlers, 8 data models, and 9 service modules, with 2 scheduled jobs for reminders and unreachable-user detection. • Added PDF and Excel reporting over an asynchronous SQLAlchemy data layer.	
FatoorahBot <i>Python, aiogram 3, Google Gemini</i>	2026
• Turns a photographed invoice into structured, editable data using Gemini extraction with a finite-state-machine conversation flow. • Supports full inline line-item correction, VAT-inclusive handling, and Excel export.	
Polluscan <i>Flask, MySQL, Chart.js, hardware sensor prototype</i> — Graduation Project	2024
• Industrial pollution monitoring platform with a 5-level government role hierarchy (country, state, district, factory, branch), where every dashboard and aggregate query is scoped to the signed-in user's jurisdiction. • Implemented cascading administrative-region management, sensor reading ingestion, and a violations/fines module, with a dedicated dashboard per role. • Integrated a working hardware sensor prototype for live environmental readings.	
Bareeq <i>Flask, MySQL</i> — Freelance	Feb 2024 – Apr 2024
• B2C marketplace for handmade crafts with a multi-level category hierarchy and cash-on-delivery checkout tailored to the Egyptian market. • Built an administrative dashboard with dynamic category management, inventory tracking, and automated invoice generation.	

Education

Bachelor of Computer Science	2020 – 2024
<i>Faculty of Computers and Information, Suez University</i>	

Skills

Languages: Python, PHP, JavaScript (ES6+), TypeScript, SQL
Frontend: Vue 3, React, Next.js, Nuxt, Tailwind CSS, Material-UI, Vite, Responsive & RTL UI
Backend: Laravel, Django & DRF, Flask, RESTful API design, WebSockets (Django Channels), Filament
Databases: MySQL, PostgreSQL, SQLite, schema design, query optimization, Eloquent / Prisma / SQLAlchemy
AI & Integrations: OpenAI (CV parsing, weighted scoring), Gemini (invoice OCR), RAG pipelines, Microsoft Teams (Entra ID SSO, Bot Framework), Telegram (python-telegram-bot, aiogram)
Tools & Infrastructure: Git, GitHub, Docker Compose, cPanel, Vercel, Cloudflare R2, Redis, Postman
Core Competencies: RBAC, multi-tenant architecture, application security (CSP, OTP, JWT, rate limiting), Arabic RTL engineering, PDF/Excel reporting, legacy modernisation, production debugging

Certificates

Cisco Cybersecurity • Python Data Structures • Web Development Challenger

Languages

Arabic: Native Proficiency
English: Professional Working Proficiency