Abdullah Elsherif

Self-Taught Full-Stack Developer

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SUMMARY

Full-stack developer with ~5 years of self-taught, project-based learning. Built Global Math, a complete Arabic e-learning platform, from scratch; sold it to a client and still maintain and develop it. Also built five open-source Arabic browser extensions (Chrome MV3, MIT licensed) with 32 passing automated tests. Looking for a remote junior role or internship, and open to freelance projects.

SELECTED PROJECTS

Global Math — globalmathematics.online (live, sold to a client, sole developer)

- Complete Arabic math e-learning platform: video courses with per-student moving watermarks, Google sign-in, three roles (student/teacher/admin), auto-graded exams, support chat, video-transcoding pipeline.
- Architected to run on a $0/month free tier: Vercel + Render + Neon Postgres + Cloudflare R2, with uptime monitoring and queued background jobs.

Arabic Web Tools — github.com/3bdullahelsherif/arabic-web-tools (open source, MIT)

- Dirassa (study summaries, flashcards, quizzes from any selected text), Sahih (Arabic spelling/grammar checker with explanations), Mulakhas (Arabic YouTube summaries with timestamps; 11,359-segment transcript pipeline), Qari (Arabic page reader / accessibility), Sakina (prayer-time and study focus blocker).
- Shared vendor layer for AI calls and Arabic text processing; 32/32 automated tests passing; AI verified live in a real browser.

Other

- Image Processing API — Express + TypeScript + Sharp REST API with tests. Voice Trainer — Arabic PWA for voice and breathing training. TheraTalk — Flask mental-health info site with a supportive chatbot.

SKILLS

Node.js · Express · NestJS · Next.js / React · TypeScript · JavaScript · Python · PostgreSQL / Prisma · MySQL · MongoDB · REST APIs · Chrome Extensions (MV3) · Docker (basics) · Cloudflare R2 · Vercel / Render · GitHub Actions · Git

EDUCATION

High school (Thanaweya Amma), Tanta, Egypt.

LANGUAGES

Arabic — native · English — working proficiency (self-taught, used daily for documentation and code)