# Aymane Elbour

Full-Stack Software Engineer

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github.com/shank187 | linkedin.com/in/aymane-elbour | Live project: repa-app.duckdns.org

## Summary

Backend-leaning full-stack developer. Technical lead of the five-person team that shipped **Repa**, a social fitness web app: I owned its workout engine and deployed it on Azure with Docker Compose, Nginx and HTTPS. Before that, two years of freelance Python automation for paying clients, including a Telegram system used by **70K+ users**.

## Technical Skills

**Languages:** TypeScript, JavaScript, Python, C, C++, SQL
**Frontend:** React, Vite, React Hooks, Astro, HTML/CSS, accessibility basics
**Backend:** Node.js, Express, REST APIs, authentication, pagination
**Data:** PostgreSQL, Prisma (schema design, migrations, seeding), SQLite
**Delivery:** Docker, Docker Compose, Nginx, Azure VM (Ubuntu), Linux, Git, pull-request workflow

## Projects

**Repa — social fitness web app (ft_transcendence)** · live · source *Launched Nov 2026*
*Technical Lead / Full-Stack Developer · 5-person team*

- Led technical integration: defined and documented the shared React/Vite/TypeScript, Express/TypeScript, Prisma and PostgreSQL architecture; coordinated work through focused branches, pull requests and shared conventions.
- Owned the workout engine: designed the workout domain and database model, separating reusable planning data from historical session data.
- Implemented the exercise catalog end to end across React, Express, Prisma and PostgreSQL, including authentication and pagination.
- Built the Docker Compose environment with PostgreSQL health checks and automated Prisma client generation, migrations and seeding; deployed the app on an Azure Ubuntu VM behind Nginx with HTTPS.

**Personal portfolio with a 3D room** · Astro, React, Three.js / React Three Fiber *2026*

- Static, accessible HTML site with an optional interactive 3D room loaded on demand; performance budgets for model size and load time.

## Professional Experience

**Freelance Python Automation Developer** — Fiverr *2023–2025*

- Built a Telegram referral automation system used by **70K+ users**, supporting community growth from **~1K to 40K+ members**.
- Developed and maintained client automation for delivery/order workflows, appointment/workforce management and social-interaction/reward systems using Python, Telethon, Discord API and SQLite.
- Maintained a **4.9/5 Fiverr rating across 15 reviews**.

## Education

**1337 Coding School / 42 Network** — Khouribga *2024–Present*
Software Engineering, 42 Common Core: C, C++, Unix, networking, Docker, web.

## Languages and Interests

Arabic / Darija (native), English (intermediate), French (limited). Running (Casablanca Marathon 2026), photography, motorbikes; Everyday Bugs, short videos explaining tech bugs.