# Aymen Labidi

Senior Full-Stack & Cloud Engineer · AWS · Laravel · React · Node.js

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## PROFILE

Senior full-stack and cloud engineer with 7 years building and running production SaaS for US companies. As sole engineer for US clients since 2021, I own products end to end: architecture, APIs, React/TypeScript front ends and the AWS Linux fleet they run on (20+ live apps on 26 domains). Recent focus: multi-tenant SaaS, Supabase serverless backends and AI integrations (OpenAI, Claude, MCP). Completing a telecommunications engineering degree at ESPRIT (IoT & Systems, 2027).

## PROFESSIONAL EXPERIENCE

### Founder & Owner
Nov 2026 – Present

*OwnMyCRM* — Remote

- Founded and run ownmycrm.com, an **AI-agent-ready CRM**: website, CRM, automations and payments in one platform, customizable from Claude and Cursor over **MCP**.

### Senior Full-Stack & Cloud Engineer
Jun 2021 – Present

*Phil 413 Studio LLC – clients: REI Software, PowerPro, My Vision Agency* — Texas, USA (remote)

- **Sole engineer** for all three clients: build every product below and run the **AWS** production fleet hosting **20+ live apps on 26 domains** (Docker, Nginx, Cloudflare, Redis, systemd), including releases and incident analysis.
- **Knock** – field-sales & dispatch CRM (Laravel 11, React, TypeScript): map-based dispatch, route optimization, live agent presence and an installable PWA.
- **My Vision Assistant** – AI content-marketing SaaS (React, TypeScript, Supabase): shipped an **MCP server** so members can use the app from Claude, and fixed AI-credit double-billing.
- **Lead Map & Billing** – Laravel + Google Maps app with Stripe lead credits, white-labelled on 3 brands.
- **AI & integrations** – OpenAI deal-analysis API (Node.js, MongoDB), automated letter-of-intent pipeline, and a multi-tenant AI-agent bridge for GoHighLevel with an approval queue.

### Software Developer
Jan 2021 – Jan 2022

*REI Software* — Texas, USA (remote)

- As sole engineer, built the first GetGroupLeads products for real-estate investors: a Laravel CRM, a Node.js API and a Socket.io real-time messaging relay.

### Frontend & Blockchain Developer (part-time)
Sep 2019 – Aug 2021

*Udio.io* — Remote

- Worked in the development team on **Solana smart contracts** and the React.js front ends that use them (Web3 wallet connection, on-chain transactions).

### 3D & Game Developer (freelance)
2014 – 2017

*Various companies* — Tunisia

- Built games, interactive 3D scenes and **augmented reality (AR) games** in Unity (C#), with models and animations in Blender.

## TECHNICAL SKILLS

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|---|---|
| **Languages** | PHP, JavaScript / TypeScript, Python, SQL, Bash, Java, C / C++, C# |
| **Full-Stack** | Laravel, Symfony, React, Vue.js, Angular, Node.js / Express, Tailwind CSS, REST APIs, microservices, PWA, Solana / Web3 |
| **Cloud & Data** | AWS (EC2, Lightsail), Supabase, Cloudflare, MySQL, PostgreSQL, MongoDB, Redis |
| **DevOps** | Linux (Ubuntu), Docker, Nginx, Apache, PM2, systemd, Git, Cypress E2E, staged releases |
| **AI & Integrations** | OpenAI & Claude APIs, MCP servers, AI agents, Stripe, GoHighLevel, webhooks, Google Maps |
| **Embedded & IoT** | ESP32, Raspberry Pi 5, Arduino, BeagleBone, embedded Linux (Buildroot), edge AI |
| **Telecom & RF** | Networking (Cisco Packet Tracer), RF, NFC, signal processing (FFT) |
| **Design & 3D** | Figma, Adobe XD, Photoshop, Illustrator, Canva, Blender, 3ds Max, Unity, AR |

## ACADEMIC & PERSONAL PROJECTS

**Vision Aid – AI Smart Glasses** 2026

Smart glasses on a Raspberry Pi 5 running on-device AI models for vision assistance.

**Drone Detection by Frequency Analysis** Personal · 2026

Python (NumPy, SciPy) detector that spots drones by their engine frequency signature and locates them with a 4-microphone array (SRP-PHAT).

**Bionic Butterfly & RC Helicopter** Personal · solo

Built on my own a flapping-wing butterfly driven by an ESP32 (mechanism, wiring, firmware) and a radio-controlled helicopter.

**ScootLibre – Microservices Platform** ESPRIT · 2025

E-scooter rental backend: Node.js microservices, dynamic API gateway, MongoDB, React dashboard, Docker Compose.

## EDUCATION

**Engineering Degree in Telecommunications – IoSyS track (IoT & Systems)** Sep 2024 – 2027 (expected)

*ESPRIT – École Supérieure Privée d'Ingénierie et de Technologies* Tunis, Tunisia

Embedded systems, networks, IoT, embedded Linux, machine learning, distributed systems.

**Bachelor's Degree in Computer Science** 2013 – 2017

*ISAMM – Higher Institute of Multimedia Arts of Manouba* Manouba, Tunisia

Multimedia, 3D modeling and game development (Unity, Blender).

## LANGUAGES

**English** – C2 – daily professional use with US clients · **Arabic** – Fluent · **French** – B1 · **German** – Basic · **Korean** – Basic

## INTERESTS

Robotics and biomimicry, IoT, game development, 3D art.