



Okba ALLAOUA

Full Stack Software Engineer

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📍 Algiers, Algeria

🌐 okbaallaoua.com

Education

Master's Degree (M2) 2026 - 2027

Software Engineering

- University of Montpellier - Montpellier, France

Superior Cycle, Master's & State Engineer Degrees 2023 - 2026

Computer Systems Engineering

- Higher School of Computer Science - Algiers, Algeria

Preparatory Cycle, Computer Science 2021 - 2023

Computer Science & Engineering

- Higher School of Computer Science - SBA, Algeria

Some Personal/Academic Projects

CogniFile Jul 2024 - Oct 2024

We created an AI-driven cloud storage solution using FastAPI, Firebase, and Next.js, deployed with GCP, Docker, and Nginx. It won Best Commercial Potential at Africa's largest hackathon by A2SV (backed by Google).

HMS ESI SBA Jan 2023 - Jun 2023

A comprehensive full-stack Microservices Property Management System (PMS) as a Software as a Service (SaaS) solution specifically designed for hotels.

Technologies

HTML

CSS

Sass

Javascript

ChakraUI

TailwindCSS

BootstrapCSS

Typescript

ReactJs

VueJS

NextJs

Redux, Redux Toolkit

Zustand

Vuex

Pinia

NodeJS

ExpressJS

MongoDB

SQL

PostgreSQL

Firebase

GraphQL

Firebase Supabase

Docker

Git, Github

Gitlab

React Native

Jira

Java

Python

UML & Conception

Django

Flask

Languages

Arabic ●●●●●
Native or Bilingual Proficiency

English ●●●●●
Full Professional Proficiency

French ●●●●●
Full Working Proficiency

A final year student at the Higher School of Computer Science Algiers and will start Master 2 degree at University of Montpellier. I have over four years of experience as an ambitious full stack software engineer, I have a strong interest for this industry and the cutting-edge technology it provides. My expertise with the various stacks I worked with enables me to build interactive web applications that are completely functional.

Experience

DeepLyfe.inc - Algiers, Algeria Feb 2025 - Feb 2026

Software Developer

- Worked on Deeplyfe.tracking, a national logistics and warehouse management system.
- Worked on Deeplyfe CMS, a fully independent dashboard to handle all company-related CMS features.

Lasting Dynamics - Las Palmas, Canary Islands Apr 2024 - Nov 2024

Frontend Developer

- An award-winning software house committed to providing quality software development services in the web, mobile, VR/XR, AI and web3.
- Completed focused Internship then worked on GivePayment, Universal Payments Ecosystem, coordinating with agile team, implement user stories and features, write unit tests, storybooks alongside regressions fixing.

Earthmeta - Hong Kong SAR July 2023 - Sep 2024

Full Stack Developer

- Refactor, rebrand, SEO optimize and convert tech stack of the company's official website from using HTML, CSS to Nuxt.js.
- Construct, manage and integrate UI interfaces for a Decentralized Metaverse Web Application, related to map explore, cities show, profile, rewards, marketplace... using Vue.js, Pinia, TailwindCSS, Wert and wagmi with scalable Laravel backend.
- Successfully integrated and interacted with blockchain smart contracts and vaults using ethers and wert packages.
- Implemented wallet connection, signature, transactions approval functionalities...
- Develop a Node/express.js backend OAuth2.0 based to link users social medias.

SwissDigiLab - Geneva, Switzerland Mar 2023 - Feb 2025

Full Stack Developer

- Develop, maintain and deploy ZenBooking platform using Django, PSQl and Next.js alongside ZenBooking client application using React Native.
- Working on developing, deploying and maintaining Full stack Outrun Rental original and rebranded VTC and Cars Rent application in Switzerland using Django and Next.
- Lead crew developing, maintaining and deploying Grrreat client & admin sides application for burger store in Switzerland using Django, PSQl and Next.js.
- Maintained Rebranded Outrun Rental mobile app's renting process with React native.

Latest Work Projects

Earthmeta: Decentralized Metaverse Web Application

EarthMeta aims to revolutionize digital real estate with the most advanced platform by developing a new global ecosystem to buy and sell assets in the Metaverse as NFT that simple and efficient, but most importantly, transparent and blockchain-based.

Grrreat: Your favorite burger restaurant in Geneva!

Grrreat is a Burger Bar in Switzerland we worked on a web app for food ordering, table reservations, and comprehensive admin management. With full control at their fingertips, ensuring smooth operations and satisfied customers every day.