

Ayoub Omari

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[github](#) | [linkedin](#) | [website](#)

SUMMARY

Backend-focused Full Stack Developer with 3+ years of experience building scalable web applications and distributed systems. Specialized in Go and TypeScript with strong expertise in blockchain development. Passionate about clean architecture and performance optimization.

EXPERIENCE

Lahagni

Sep 2024 -

Backend Developer, Freelance

Marrakesh, MA

- Architected and documented REST APIs using Swagger for a ride-sharing platform, enabling seamless integration with mobile applications
- Developed scalable backend with Golang/Fiber handling real-time tracking, payments, and booking systems serving 1000+ daily requests
- Built internationalized admin dashboard with Next.js, managing user analytics, ride metrics, and payment processing
- Technologies: Golang, Fiber, PostgreSQL, Redis, Next.js, Swagger, i18n

demandealacom.ma

Apr 2024 - Jul 2024

Full Stack Developer, Full Time

Marrakesh, MA

- Developing e-commerce and catalog websites for small and medium-sized businesses
- Technologies: PHP, WordPress, React, MySQL

toknar.io

Jan 2023 - Sep 2023

Full Stack Web3 Developer, Freelance

London, UK (Remote)

- Developed and deployed Minimum Viable Product (MVP) web applications for Toknar, a company utilizing AI and blockchain for invoice financing solutions.
- Designed and implemented smart contracts and NFTs for the tokenization and management of invoices within their INVOIX platform.
- Technologies: PyTeal, Beaker, Algorand SDK, Nodejs, Next.js, React, Websocket, MySQL, Python

Z Smart Services

Apr 2022 - Jun 2022

Full Stack Developer, Intern

Marrakesh, MA

- Developed a web application for value-added tax (VAT) declaration and calculation.
- Technologies: Java, Spring, Angular, JWT, Mysql, REST

Menara Auto

Apr 2021 - Jun 2021

Full Stack Developer, Intern

Marrakesh, MA

- Developed a web-based car rental management system.
- Technologies: JavaScript, Nodejs, Bootstrap, JQuery, JWT, Mysql, REST

EDUCATION

University of Cadi Ayyad

Sep 2019 - Jun 2022

Bachelor of Science in Computer Engineering - Honors

- **Courses:** OOP in C++, Algorithms, Web development, DBMS, Operating system, Project management

COURSES

Specialist Certificate, Algo Foundry

Sep 2022 - Nov 2022

Showcase the knowledge and skills needed to build decentralized and secure applications on the Algorand blockchain.

Developer Certificate, Algo Foundry

Aug 2022 - Sep 2022

A deeper understanding of the Algorand Virtual Machine and the ability to use TEAL, PyTeal, and Beaker.

SKILLS

Programming Languages Go, JavaScript, TypeScript, Python, C/C++, SQL, HTML/CSS, PyTeal
Technologies Reactjs, Angular, Nodejs, Nextjs, Fiber, MongoDB, Bash, Beaker, Git

PERSONAL PROJECTS

PacShare

Feb 2024 - Apr 2024

Backend Developer

Marrakesh, MA

- Developed a Facebook Messenger chatbot backend that enables users with limited internet access (Meta suit only) to fetch YouTube videos, APK files, PDFs, and Wikipedia articles through Meta's platforms, implementing efficient web scraping to extract and deliver requested content.
- Technologies: Golang, Fiber, GoQuery, Facebook Messenger API, REST APIs

Arbitrage Bot

Sep 2023 - Jan 2024

Full Stack Web3 Developer

Marrakesh, MA

- Developed a high-performance arbitrage bot for Algorand DEXs, implementing atomic transactions and smart contracts for automated trading with built-in profit verification and risk management.
- Technologies: Beaker, AlgoKit, Algorand SDK, NodeJs, TypeScript, bash

Checker desktop game

Apr 2022 - May 2022

Software Engineer (Desktop Applications)

Marrakesh, MA

- Collaborated on the development of a desktop checkers game in Java. This two-player game allows users to compete against each other or challenge an AI opponent with three difficulty levels implemented using the Minimax algorithm.
- Technologies: Java, AWT, Swing, Git, Github