

# Mohamed Amine SAYAGH

## SOFTWARE DEVELOPER

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### SUMMARY OF EXPERIENCE

Committed software developer. Successfully led and delivered over **13** **payed** projects for international clients and agencies across various industries, I stand out in delivering projects that make clients feel authentically represented, open source contributor, eager to bring my skills to a corporate environment.

### PROFESSIONAL EXPERIENCES

#### Lead Full Stack Developer Self Acquired Clients

August 2024 - October 2024

- Developed full-stack web solutions for luxury brands, including [French Dandy](#) (Dubai), [Maud Diamond](#) (Brazil), and [Horde Studio](#) (USA), by advancing **automation capabilities** and integrating **AI-driven solutions** to streamline communication and improve code generation quality, resulting in enhanced delivery processes.
- Led the development of French Dandy's official e-commerce website by closely collaborating with their team and following **Agile** best communication practices, resulting in a **high-performance platform** showcased at events like the **Forbes Middle East** and centralizing their marketing sources within 3 months.

#### Cyber Cohesion Security Community's Firm

Research & Development, Web Tech Lead, Infra development , Remote, Singapore , May 2023 - July 2024

- Designed and implemented a Golang RESTful API wrapping a Kubernetes controller-runtime to realize infrastructure applications for a security requirements. This automation enhanced role-based deployment isolation, and **reduced the deployment time** on a two month team collaboration.
- Developed a CTF competition platform by **leading the development team** and standardizing internal web development practices in a **zero-trust** environment, Introduced a new internal **framework** used in over **80%** of our UI generation and **reverse-engineered** necessary libraries like Zod, resulting in hosting global events like OWASP AppSec Days, BSides Singapore, and ISACA within 11 months.

#### Jonas Digital Agency SMMA Digital Agency

Full Stack Web Developer , Remote, London , July 2023 - October 2024

- Implemented an **automated NGINX-based cloud deployment system** on a VPS by streamlining **CI/CD pipelines**, facilitating rapid initiation and onboarding of new web applications and **project templates** within four weeks followed by ongoing enhancements over five months.
- Implemented solutions for clients' CMS platform by taking the initiative to **resolve critical API integration bugs** related to store management that **halted project progress** and maintaining communication with external tech suppliers, the initiative saved the project, and result in the completion of the **seven client onboarding** full-stack projects.

#### Lavish Trading Investment Agency

Full Stack Web Developer , Freelance, London , May 2022 - August 2022

- Developed a web platform for a global investment company by **leveraging their 12 years of industry expertise** to create a user-friendly solution for client enrollment, resulted in a new client conversion channel contributing to over **\$100 million** in active investments within 3 months.

### SKILLS

Programming Languages	JavaScript / TypeScript , PHP , Golang , SQL , BashJava, Kotlin
Cloud Services	Google Cloud , AWS , Oracle Cloud , Github Codespaces , Heroku , Vercel , Cloudflare
Front-end / Back-end	React/Next.js , Express , Nest , Tailwind , State Management: Redux , Tanstack , WordPress , Pnpm Monorepo
Containerization and CI/CD	Docker , Docker Compose , Kubernetes , NGINX , Git , GitHub , GitHub Actions
Database	Firebase , MySQL , MongoDB , PostgreSQL , Redis
Testing Practices	Unit Testing (Jest) , Functional Testing (Cypress) , Regression Testing (Puppeteer) , Integration Testing (Supertest, Postman)
Artificial Intelligence	Open AI , ChatGPT-4 , Gemini , Claude 3.5 , Cursor , Copilot , Midjourney , RAG , LangChain
Methodology and Standards	Agile , SOLID , Design Patterns , Refactoring , Clean Code , Distributed System , Serverless
Design	UI/UX , Design thinking , Photoshop , Illustrator , Figma

### CONTRIBUTIONS

#### Code Wrangler: Marketplace Open Source , October 2024 - Present , [View the project repository](#)

- Developed an open-source marketplace that automate generation of **structured knowledge bases** and integrates Gen-AI pipelines and crawler automation. This enhance developer productivity and streamlining knowledge management for **Retrieval-Augmented Generation (RAG)**.

#### Music NFT, Artist Sofiane Pamart July 2021 - One week

- Collaborated in a **140-member team**, including **42 developers** guided by Oussama Ommar, to develop **visual NFTs** for artist Sofiane Pamart, achieving the launch in one week.

### EDUCATION

Master's in Big Data & Cloud Computing University of Hassan II, Casablanca, expected graduation 2025

Bachelor's in Computer Science University of Hassan II, Casablanca, 2022 - 2023

#### APPROVALS [Cyber Cohesion](#) · [French Dandy](#) · [Jonas Digital Agency](#) · [Lavish Trading](#)

#### ACHIEVEMENTS [Lavish Trading](#) · [French Dandy](#) · [Happy Water](#) · [Greening Energy](#) · [Coreas](#) · [Horde Studio](#) · [Cyber Cohesion](#) · [Figma Portfolio](#)

#### LANGUAGES English , French , Arabic ACTIVITIES Tech writing see [LinkedIn](#) or [Medium](#) , Open source contributor , Tech mentoring