

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, Currently pursuing a master's degree, and eager to bring my skills to a corporate environment.

PROFESSIONAL EXPERIENCES

Technical Consultant Self Acquired Clients

August 2024 - Present (deadline 15 October 2024)

- Achieved full-stack web development for luxury brands, including [French Dandy](#) (Dubai), [Maud Diamond](#) (Brazil), and [Horde Studio](#) (USA), Expanding my team by delegating 30% of the development process to a newly recruited members and continuously investing in automation process based on AI Agents.
- 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 all 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.
- integrated solutions** for clients' CMS platforms by **taking the initiative to resolve critical API integration bugs** related to store management that **halted project progress** and maintaining continuous communication with external tech suppliers, this initiative saved the projects, resulting in the successful completion of **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

Cloud Services	Google Cloud , AWS , Oracle Cloud , Github Codespaces , Heroku , Vercel , Cloudflare
Containerization and Orchestration	Docker , Docker Compose , Kubernetes , NGINX
Programming Languages	JavaScript / TypeScript , PHP , Golang , SQL , Bash
Front-end / Back-end	React/Next.js , Express , Nest , Tailwind , State Management: Redux , Tanstack , WordPress , Pnpm Monorepo
Database	Firebase , MySQL , MongoDB , PostgreSQL , Redis
Version Control and CI/CD	Git , GitHub , GitHub Actions
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

PROJECTS

Code Wrangler: prompt automation October 2024 - Present , [View the project repository](#)

- Built a command-line interface (CLI) tool with a configurable and reusable configuration interface that generates documentation resumes from project workspaces extended to an Retrieval-augmented Generation (RAG) pipeline, tailored for developers preparing **continuous versioned project overviews** for code generation.

Zec: Data Parsing Library May 2024 - July 2024 , [View the project documentation](#)

- Authored a standalone PHP open-source library that **introduces a novel method to orchestrate between business-specific data parsers** while maintaining confidentiality. The library leverages schema definitions and modular, extensible configuration management to coordinate parsers without directly handling data parsing.

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