

Mohamed Amine SAYAGH

SOFTWARE DEVELOPER

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Programming Lang:TypeScript, PHP, Golang

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SUMMARY OF EXPERIENCE

Committed software developer professional with over **7 years** of experience. Successfully Directed and delivered over **13 projects** for **international clients** across various industries, consistently enhancing process delivery and enabling **personalized experiences** at multiple stages.

PROFESSIONAL EXPERIENCES

Independent Freelancer Self Acquired Clients

Technical Consultant \* August 2024 - Present

- Converted luxury international brands, including **French Dandy** (Dubai), **Maud Diamand** (Brazil), and **Horde Studio** (USA), increasing **freelance revenue** by **60%** and expanding my **team by delegating 40%** of project tasks to a newly recruited team member.
- Collaborated closely with global teams to create culturally relevant and engaging online presences, **achieving 90% on-time project delivery**. Ensured client satisfaction by maintaining open communication throughout the development process, aligning with the client visions, improving brand images across diverse markets.

Cyber Cohesion Security Community's Firm

Research & Development, Web Tech Lead, Infra development \* Self-Employed, Singapore \* May 2023 - July 2024

- Engineered a **Golang RESTful API** integrated with **Kubernetes controller-runtime** to realize infrastructure applications for a security competitions domain. This effort enhanced role-based deployment isolation, **increasing deployment productivity by over 25%** within one month, collaborating with a three-member team.
- Led and developed essential software components for a **microservices platform** by automating internal development standards, **reducing maintenance efforts by 60%** and **upholding OWASP web security standards** over seven months with a six-member team.
- Optimized **NoSQL database** schemas and indexes by refining structures and common patterns reaching an **11% reduction in server query response time** in two months.

Jonas Digital Agency SMMA Digital Agency

Full Stack Web Developer \* Freelance, London \* July 2023 - Present

- Executed **NGINX-based cloud deployment** for web solutions on a **Hostinger VPS** by streamlining **CI/CD pipelines**, **reducing development cycles by 83%** within four weeks, followed by ongoing enhancements over five months.
- Completed seven global full-stack projects with complex third-party systems integration need, including **debugging faulty plugins** and **developing solutions for store management** while maintaining continuous communication with external tech suppliers.

Lavish Trading Investment Agency

Full Stack Web Developer \* Freelance, London \* May 2022 - July 2022

- Produced a **user-friendly web solution** for client enrollment in investment plans for a global project managing over **\$100 million in active investments**, leveraging the company's **12 years of industry expertise** to create a **new source of client conversions**.

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	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 , Claude 3.5 , Copilot , Midjourney , RAG , LangChain
Methodology and Standards	Agile , SOLID , Design Pattern , Clean Code , Distributed System , Serverless
Design	UI/UX , Design thinking , Photoshop , Illustrator , Figma

PROJECTS

Code Wrangler: Automation prompting

October 2024 - Present

View the project repository

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

Zec: Data Parsing Orchestration 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 on 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

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