

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 FreelancerBusiness Clients

Technical Consultant * Remote * August 2024 - Present

- Delivered branding websites for international luxury brands, including **French Dandy** in Dubai, **Maud Diamand** in Brazil, and **Horde Studio** in the USA. Collaborated closely with global teams to create culturally relevant and engaging online presences. Ensured exceptional client satisfaction by maintaining open communication throughout the development process, aligning with client visions, and exceeding expectations, improving brand images across diverse markets.

Cyber CohesionSecurity 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.

Key Skills: Golang , Bash , Javascript / TypeScript , PHP , Docker & Docker Compose , Kubernetes , Nginx , MongoDB , MySQL , RESTful APIs , CI/CD pipeline development

Jonas Digital AgencySMMA 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.

Key Skills: JavaScript / TypeScript , PHP , Bash , WebHook , API Integration , Restful API , React , Cloudflare , Nginx , Docker , MySQL , Unit Testing , CI/CD

Lavish TradingInvestment 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 , Elasticsearch
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 promptingOctober 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 LibraryMay 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 PamartJuly 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

APPROVALSCyber Cohesion * Jonas Digital Agency * Lavish Trading

ACHIEVEMENTSLavish Trading * French Dandy * Happy Water * Greening Energy * Coreas * Horde Studio * Cyber Cohesion * Figma Portfolio

LANGUAGESEnglish * French * ArabicACTIVITIESTech writing (see LinkedIn or Medium) * Open source contributor * Tech mentoring