

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 FreelancerSelf Converted Business 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
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

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