

Mohamed Amine SAYAGH

SOFTWARE DEVELOPER

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| Email: | contact@masayagh.com | LinkedIn: | linkedin.com/in/masayagh | 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 my freelance revenue by **60%** and my task delegation by **40%**.
- 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.

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

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.

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

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

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| 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

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| 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