

Mohamed Amine SAYAGH

SOFTWARE DEVELOPER

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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 Business Clients

Technical Consultant * Remote * August 2024 - Present

- **Crafted** e-commerce platforms for brand identities, including the luxury fashion brand **"French Dandy"** and the jewelry brand **"Maud Diamand"** in Dubai and Brazil. Ensured **optimal performance** and **responsiveness** across various devices to enhance user engagement and uphold brand image.
- **Worked closely** with international teams to **customize solutions** for local markets, ensuring cultural relevance, seamless user experience, and compliance with regional regulations.

Key Skills: *JavaScript/TypeScript , Next.js , E-commerce Development , UI/UX Design , Internationalization , Payment Gateway Integration , Performance Optimization*

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

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 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