

Mohamed Amine SAYAGH

SOFTWARE DEVELOPER

Email:contact@masayagh.com

LinkedIn:linkedin.com/in/masayagh

Programming Lang:TypeScript, PHP, Golang

Phone (Ma):(+212) 616-137124

GitHub:github.com/aminesayagh

Portfolio:masayagh.com

SUMMARY OF EXPERIENCE

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

PROFESSIONAL EXPERIENCES

Cyber Cohesion Security Community's Firm

Research & Development, Web Tech Lead, DevOps * Self-Employ, Singapore * May 2023 - July 2024

- Architected and Designed the logical structure of a **Kubernetes-based Namespace** by implementing a **Golang RESTful API** serving data access for a security competitions domain, integrated with **Kubernetes controller-runtime**. Improved deployment isolation and **pipeline productivity** (within a 1-month, 3-member team cooperation).
- Directed the development of **core software components** to build a **scalable microservice platform**. including automated process for improved maintainability and scalability. This resulted in **ease to maintain** platform with an ensured web security compliance (within a 7-month, 6-member team cooperation).
- Reduced server query response time** of a **No-SQL database** by 11% through **database schema optimization** and **index refinement** (within 2 months).

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

Jonas Digital Agency Solar Digital Agency

Full Stack Web Developer * Freelance, London * July 2023 - On going

- Deployed a **cloud-based production** based on **NGINX** for containerized applications. **Optimized deployment workflows** through **CI/CD pipelines**, ensured rigorous testing, and Facilitated a **sixfold reduction in project development time** (within 4 weeks of development, followed by 5 months of continuous improvement).
- Enhanced marketing impact by adding **data visualization** for key KPIs and achieving over **90% performance on Google Speed Index** (continuous improvement, contributing within a 4-member sales team).
- Achieved 7 worldwide **full-stack projects**. Implemented **responsive designs**, integrated with **third-party APIs**, and Secured **client satisfaction** (across a 6-month period).

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

Lavish Trading Investment Agency

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

- Developed a highly adaptable, **user friendly** single page web application by integrating **webhook and API integration** with a **PostgreSQL data center**, This solution supported a global project managing over \$100 million in active investments, leveraging 12 years of industry expertise.

Key Skills: *JavaScript / TypeScript , Next.js , Vercel , SMTP server , JS Web Workers , PostgreSQL , API Integration , Figma , Google Tag Manager*

SKILLS

Cloud Services	Google Cloud , AWS , Oracle Cloud , Github Codespace , Heroku , Vercel , Cloudflare
Containerization and Orchestration	Docker , Docker Compose , Kubernetes , NGINX
Programming Languages	JavaScript / TypeScript , PHP , Golang , SQL , BASH
Front-end / Back-end	Vue/Nuxt , React/Next.js , Express , Nest , Tailwind , Dom , State Management: Redux.. , Tanstack WordPress, Headless WordPress , Pnpm Monorepo , Next Turbo , Firebase , Kafka , Elastic Search
Database	MySQL , MongoDB , PostgreSQL , Redis
Version Control and CI/CD	Git , GitHub , GitHub Action
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 , Distributive System , Serverless
Design	UI/UX , Design thinking , Photoshop , Illustrator , Figma

PROJECTS

Realtime DashboardJune 2024 - August 2024 * [View the project repository](#)

- Developed a monolithic web application, **containerized** for a distributive system deployment, staged on a CI/CD testing process (within 2 weeks).
- Ensured **Quality Assurance** of the pipeline by implementing a cache build of the containers from multistage, Unified standardized database solutions like **Redis cache**, **indexation**, and **schema optimization** (within 2 months).
- Designed a database solution to **abstract labeling needs** of a scholar domain, resulting in a streamlined structure with 17 collections (within 1 week).

Zec: Data Parsing LibraryMay 2024 - July 2024 * [View the project documentation](#)

- Authored a PHP open-source library for **data parsing and serialization** by leveraging schema definition and modular, **extensible configuration management**.
- Ensured the library's **reliability and ease of use** through successful testing and comprehensive documentation.

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 successful project launch within 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 [Linkedln](#) or [Medium](#)) * Open source contributor * Tech mentoring