Mohamed Amine SAYAGH

FULL STACK DEVELOPER

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Programing lang:	TypeScript, Golang, PHP	GitHub:	github.com/aminesayagh

PROFILE

Driven by a passion for full stack web development, I dedicate my work to creating web solutions, specifically designed for branding identities. I thrive in kick starting and steering projects from concept to completion.

SKILLS

Design
UI/UX · Design thinking · Photoshop · Illustrator · Figma

Programming Languages
JavaScript / TypeScript · PHP · Golang · SQL · Python

Front-end / Back-end
React/Next.js · jQuery · Express · Nest · Tailwind · Dom · State Management: Redux... · Tanstack · Next Turbo · Laravel · Storybook · NGINX · BAS: Firebase

Containerization and Orchestration
Docker · Docker Compose · Kubernetes

Cloud Services
Cloudflare · Google Cloud · AWS · Oracle Cloud · Github Codespace · Heroku · Vercel

Artificial Intelligence
Open AI · ChatGPT-4 · Copilot · Midjourney · Llama2

Database
MySQL · MongoDB · PostgreSQL · Redis · Kafka · Elastic-Search

Content Management System
Shopify · WordPress · Strapi · Headless CMS

Architecture, Protocols, and Integration
RESTful API · OAuth v2 · GraphQl · WebSocket · Webhook

Testing Practices
Unit Testing (Jest) · Functional Testing (Cypress) · Regression Testing (Puppeteer) · Integration Testing (Supertest, Postman)

Version Control and CI/CD
Git · GitHub · GitHub Action · GitHub Codespace

Methodology and Standards
Agile · SOLID

EDUCATION

Master's In Big Data & Cloud Computing
Faculty of Hassan II, Casablanca, since 2023

Bachelor's In Database Management
Faculty of Hassan II, Casablanca, from 2020 to 2023.

AWARDS

Certificate of Recognition from Cyber Cohesion

Certificate of Recognition from Jonas Digital

Certificate of Recognition from Lavish Trading

ACTIVITY

Tech Writer (see *LinkedIn*, or *medium*)

Open-Source Contributor

Tech Mentor

LANGUAGE

French   English   Arabic

EXPERIENCE   Highlights from 7 Years of Experience

Cyber Cohesion Security Firm
05/2023 - 06/2024
Research & Development, Web developer, Web Tech Lead
Self Employ - Singapore

- Architecture and deployed the logical part of a **Kubernetes-based Namespace management system**, running a Identified deployment pipeline with external state for every user, by alimenting a **Golang API** gateway operating a new **namespace** close to network.
- Led a web development team of 6, implementing by Agile methodologies.
- Designed and developed a web component library, strictly adhering to SOLID principles, with a ease to change goal.
- Developed multiple key components: 2 dashboards, 1 RESTful API, 3 databases with advanced caching and logging, and 4 landing pages, all while ensuring compliance with the highest web security standards and integrating a CI/CD pipeline for efficient deployment.
- Increased server query response time of a No-SQL database by 11% by **optimizing database** schema and refining indexation processes.

JavaScript / TypeScript · PHP · GoLang · Docker · NoSql Database · CI/CD Pipeline · Kubernetes

Jonas Digital Agency Solar Marketing Agency
07/2023 - 03/2024
Full Stack Web Developer
Freelance - London

- **Designed and developed** a targeted website for Coreas, enhancing **client acquisition** by working closely with the marketing team to align with strategic objectives.
- **Migrated and optimized** a high-performance website, improving resource efficiency.
- **Redesigned** the web identity for an agency client with **12 years of experience**.
- Created an **8-section landing page** in 13 hours, demonstrating speed aligned with marketing directives communications.

JavaScript / TypeScript · PHP · Figma · UI/UX Design · WordPress · WebHook · API Integration

Sodiadd Real Estate Investment Firm
03/2023 - 06/2023
Full Stack Web Developer
Freelance - France

- Developed a web platform with a monolithic architecture, integrating 11 libraries and 5 applications, enhanced by a robust CI/CD deployment pipeline and systematic testing processes.
- **Designed the branding identity**, establishing unique UI patterns, web component, on a responsive designs.

JavaScript / TypeScript · MongoDB · Next Turbo · Express · Storybook · CI/CD Integration

Lavish Trading Investment Agency
05/2022 - 06/2022
Front End Web Developer
Freelance - London

- Developed website, utilizing React/Next and Tailwind for front-end development and api **Webhooks** to **api Integration**.
- **Designed a landing page** meeting high design standards, featuring chart graphics and unique styles, in collaboration participation with the marketing team.

JavaScript / TypeScript · WordPress · Figma · Vercel · API Integration · Gsap · Framer Motion

CHALLENGE

Zec: Data Parsing Library
05/2024 - One month

- Developed a **PHP open source library** for data **parsing** and **serialization** by leveraging schema **definition** and modular, **extensible configuration** management, trusted by its successful testing and documentation availability, View the project documentation.

Visual Music NFT For Artist Sofiane Pamart
07/2021 - One week

- Collaborated in a 140-member team, including 40 developers led by Oussama Ommar, to develop visual NFTs for artist Sofiane Pamart, achieving successful project launch within one week.

Shinobi Boy
05/2021 - 06/2022

- **Engineered data extraction** and **structuring** from multiple web sources, using Puppeteer and Express to integrate **AI-verified**, optimized images with **CDN storage**, indexed in a **NoSQL database**.
- Developed a **RESTful API** with JavaScript/TypeScript, providing fast and reliable access to manga content, enhancing user experience.
- Created a **custom WordPress theme**, and **R&D efforts** to optimize site performance.
- Ceased operations after for ethical review, prioritizing responsible content management.

Javascript/Typescript · PHP · MongoDb · Express · MySQL · Google Cloud · Puppeteer

ACHIEVEMENT

Happy Water:	happy-water.masayagh.com/	Coreas:	coreas-ht.com/
Lavish Trading:	lavish.masayagh.com/	Figma Portfolio:	figma.com/