



MERZAK YOUNESS

À LA RECHERCHE D'UNE
NOUVELLE OPPORTUNITÉ

As recent graduate from Ibn Tofail University, I am excited to begin a new professional journey in software development. My passion, determination, and skills will help me successfully drive new projects forward



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EXPÉRIENCE PROFESSIONNELLE

Backend Developer - ALX Africa

2023 - 2024

- Developing projects from inception to production, following agile practices.
- Defining user stories, then translated them into actionable features for development.
- Creating flowcharts and designing data model diagrams (SQLBDM) to visualize the project workflow and manage data.
- Working within architectural frameworks to ensure project alignment.
- Following the MVP (Minimum Viable Product) approach to focus on delivering the core functionalities.
- Developing mockups to visualize key features and gather early feedback.
- Writing unit tests for JavaScript using Jest and for Python using unittest to ensure code quality and reliability.
- Using Git as version control for collaboration, and managing pull requests for code review.
- Designing secure and monitored web infrastructure diagrams to visualize data flow (Eraser).
- Configuring web and application servers, implementing firewalls, and integrating load balancers for optimized system performance.
- Monitoring servers using Datadog and documenting incidents through postmortem reports to improve resilience.

Freelance Web Developer

2022 - 2023

- Creating and customizing e-commerce websites for clients using WordPress and WooCommerce.
- Integrating payment gateways.
- Designing responsive and SEO-friendly websites to optimize user experience and search engine visibility.
- Providing ongoing maintenance, updates, and troubleshooting for client websites.

Entrepreneur Agricole

2021 - 2023

- Initiation and management of an agricultural project in partnership, focused on renting fertile land for the production of diversified crops.
- Development and implementation of agronomic practices, centered on optimizing crop nutrition and establishing phytosanitary protection measures.
- Supervision of an agricultural workforce, with a focus on task organization and optimizing work efficiency in the field.
- Experience in resource management and agricultural planning to maximize productivity.

Stage Bureau D'étude AHRAM INGENIERIE (3mois)

2019 - 2020

- Creation of applications using Visual Basic macros and database manipulation.
- Building sanitary water supply.
- Evacuation of wastewater, sewage and rainwater.
- Dimensioning septic tanks and sewage slopes.

Stage de fin d'études á l'Université IBN TOFAIL

2018 - 2019

- Mathematical and numerical modeling of Saint-Venant equations: case of flood wave propagation.
"Development of Matlab code for this study."

COMPÉTENCES INFORMATIQUES

Web: HTML, CSS, WORDPRESS.
Language: Javascript, Python, C.
Framework: ExpressJs, ReactJs.
Testing: Jest, Unittest.
IDEs: Visual Studio Code.
DBs: MongoDB, Mysql, Redis.
Version Control & DevOps: Git, GitHub, Docker.
API & Documentation: Swagger, Postman.

LANGUES

Francais : Bonne maitrise.
Anglais : Intermédiaire.
Arabe : Langue maternelle.

PARCOURS UNIVERSITAIRE

Holberton School

2023 - 2024

Software Engineering

Université IBN TOFAIL

2016 - 2019

Master's in Energy and Fluid Mechanics

Université IBN TOFAIL

2011 - 2014

Bachelor's Degree in Energy and Materials

Lycée Hassan El Wazzani

2010 - 2011

Baccalaureate in Physical Sciences

CENTRES D INTERETS

FIT´PALMES
CLASSICAL GUITAR
VIDEO GAMES