ayman msaoub

Web developer

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EDUCATION

1337 coding school, *computer architect*   2022 – present | Khouribga, Morocco

ISTA   2019 – 2021 | Khouribga, Morocco

SKILLS

Frontend — React.js, Next.js, JavaScript, TypeScript Tailwind CSS, Material UI, Framer Motion.

Backend — Django, Django REST Framework

Database — PostgreSQL, SQLite.

DevOps & Tools: — Docker, Docker Compose, Git, GitHub, Vagrant, Kubernetes (K3s, K3d, Argo CD)

PROJECTS

FT_transcendence
is an advanced full-stack web application project from the 42 coding school curriculum. It focuses on creating a fully functional, secure, and scalable real-time web application, typically a multiplayer game with social features (such as chat and matchmaking). The project involves implementing authentication (OAuth), user management, and WebSocket-based real-time communication

My_portfolio
A modern and responsive portfolio website built with React and TypeScript, utilizing Vite for fast• development and optimized performance. It showcases my projects, skills, and experience through a clean, user-friendly interface. The design is fully responsive, ensuring seamless functionality across devices. Dynamic components and interactive animations enhance user engagement. Technologies include Nextjs, TypeScript, Tailwind CSS.

Inception
This project involves creating three containers using Docker to run a fully containerized web• server environment. This setup includes an Nginx container for the web server, a WordPress container for the CMS, and a MariaDB container for the database. Each component operates in isolation, enhancing security, scalability, and management efficiency.

Orchestrator
Built a cloud-native deployment pipeline using **K3s/K3d** for lightweight Kubernetes clusters and **Argo CD** for GitOps-based automation. Integrated **DockerHub** for image management and CI/CD workflows, ensuring consistent and reproducible builds. Automated provisioning with **Vagrant** to simplify developer onboarding. Focused on scalability, reproducibility, and applying **modern DevOps best practices** for production-like environments.