

OUSSAMA LAKHDAR

CLOUD DEVOPS ENGINEER

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PROJECTS

Automated CI/CD Pipeline: Jenkins - Docker - DockerHub - AWS Cloud

- Led the creation and integration of a streamlined CI/CD pipeline with Jenkins and GitHub Webhooks, reducing deployment time by 50% and minimize production issues by 75%.
- Orchestrated end-to-end automation for software delivery on AWS EC2 instances, incorporating Docker containerization for optimal efficiency.
- Configured AWS security groups and network settings to precisely control inbound traffic, ensuring a secure browser-based access for an optimized CI/CD pipeline.

Docker Orchestration: Docker - Network & system administration

- Built and Deployed locally a web application using a variety of Docker containers, such as NGINX, MariaDB, WordPress, Redis, Adminer, and Portainer. Each service operated in its dedicated container.
- Orchestrated the entire web application locally using Docker Compose, ensuring seamless integration and effective management of each service within its respective container.

Full Stack Web App: NestJs - Prisma - Docker - Npm - Angular

- Spearheaded the development of a TypeScript web app Backend, overseeing user account functionalities, authentication, and friendship management. Contributed to the design of the database schema for efficient data organization.
- Crafted endpoints to facilitate seamless communication within the application, enhancing the overall user experience.
- Innovatively architected a real-time chat system, elevating the platform's capabilities for instant and interactive communication.
- Led Docker orchestration for deployment, establishing consistent development environments. Optimized container communication and network configurations for enhanced efficiency.

WebServer: C++

- Executed the development and implementation of a web server project using C++, taking charge of the design and implementation aspects of the web server network and the HTTP parser.

SKILLS

DevOps Tools: Docker, GIT, Jenkins, AWS Cloud, Maven/Gradle, Nexus/DockerHub, Linux System Administration, Bash Scripting, Networking, Kubernetes, Terraform

Programming Language: C/C++, JavaScript/Typescript (NestJs), Python

EDUCATION

1337 - Mohammed VI Polytechnic University

Software Developer

Benguerir, Morocco

10/2021 - Present

LANGUAGE

English

Arabic