

Mohamed Jarboua

Software Engineer | Fullstack Developer | DevOps Engineer

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EXPERIENCE

DevOps Lead Engineer

December 2024 – present

LeetOps Club 1337

morocco, khouribga

- Holding Informative sessions to students about IT operations Domain.
- creating technical guides to implements workflows, system specifications, and projects to aid students learn and implement to gain experience.
- Holding workshops To work on deepening the understanding of infrastructures, cloud providers and their services, automation tools, configuration tools, and monitoring tools.

DevOps Engineer

march 2025 – june 2025

Entitled

morocco, remote

- optimization of cloud cost, by analyzing the current architecture and suggesting a strategy to optimize the cost
- created CI/CD pipeline with github actions.

System architect

september 2024 – september 2024

Freelance

morocco, khouribga

- auditing and creating a guide on how to reinforce system architecture for treating users credit cards and ensure the security of the system by utlizing PCI/DSS, tokenization, 3-tier architecture, and TLS1.3. [link](#) for reading.
- Design and conceptualization of Security Architecture of a Company to make sure that their data never gets leaked by introducing IAM, firewalls, isolated Zones, security protocols, VPN, and DMZ (Demilitarized Zone). [link](#) for reading.

Software Engineer

June 2024 – march 2025

Velox Force

Germany, remote

- Developed client-specific AI agents to optimize workflow management.
- Created a full-stack application for email management, incorporating AI for classification and automated replies.
- Deployed solutions on Google Cloud Run using Docker, as well as on Replit for a deployment-ready environment.

PROJECTS

Cire technical test | *ci/cd, docker swarm, ansible*

september 2025 – september 2025

- completed the first part of the cire technologies technical assessment, [link](#) to read the documentations i made.

SnowCrash | *kali, john the ripper, python, bash, wireshark*

july 2025 – july 2025

- 14 levels of vulnerable boxes where we have a vulnerability somewhere and we need to exploit it get escalated privileges to get flags and move to the next level.

OverRide | *docker, wordpress, mariadb, nginx,bash, ansible, digital ocean, AWS*

August 2025 – August 2025

- 9 level of Binary exploit and privilege escalation challenges where we need to reverse engineer a binary by decompiling it, understanding what it needs to do and find possible ways to exploit it and gain access to a privileged shell and get the flag and move on to the next level.

orchestrator | *k3s, k8s, gitlab, argoCD, bash*

May 2025 – May 2025

- creating VMs to simulate the architecture of k3s in a cluster.
- created deployments for 3 applications with a load balancer.
- Created a CI/CD to always update deployed apps with K3s with secret management.
- Collaborated on the development of game invitation logic within the chat interface.

Cloud Config | *docker, wordpress, mariadb, nginx,bash, ansible, digital ocean, AWS*

May 2025 – May 2025

- usage of AWS/digital ocean cloud providers.
- Configure a cloud infrastructure with docker, docker compose.
- deploy application to the configured infra to ensure high availability.

inception | *docker, docker-compose, wordpress, bash, sql (mariadb), nginx*

December 2023 – December 2023

- Architected a multi-container WordPress application with persistent storage and a reverse proxy server featuring caching capabilities.
- Configured an isolated network for seamless internal communication while exposing a single port to the web.
- Implemented SSL/TLS for robust end-to-end data encryption.
- Utilized a virtual machine as a sandbox environment for testing and development.

EDUCATION

1337 coding school / 42 network

computer architect student

Khouribga, Morocco

Aug. 2022 – present

Ibn Tofaïl University

Bachelor of Arts in english literature

Kenitra, Morocco

October 2019 – August 2022

TECHNICAL SKILLS

Languages: Nodejs/js/ts, Python, C/C++, SQL (Postgres, Mariadb), HTML/CSS

Frameworks: React, Nest.js, Nextjs/react.js, Flask, FastApi, Django, Material-UI, langchain

Developer Tools: Git, Docker, Docker-compose, Google Cloud Platform, jenkins, kubernetes, terraform, ansible, CI/CD, AWS, Digital Ocean, version control ,infrastructure as code

Libraries: bs4, openai, anthropic, pandas, NumPy

SOFT SKILLS

Problem-Solving: Analyze challenges and develop innovative solutions.

Methodologies: Agile, DevOps, Automation and orchestration, Cloud-native architecture.

Time Management: Prioritize tasks to meet deadlines efficiently.

Teamwork: Work collaboratively in diverse teams to achieve common goals.

Critical Thinking: Evaluate information and make informed decisions.