

Ghanaj Ayoub

DevOps Automation Engineer

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Summary

DevOps Engineer with hands-on experience in automating infrastructure, deploying scalable cloud-native applications, and managing CI/CD pipelines. Skilled in Ansible, Python, Cloud Computing, and Linux, with a strong focus on system monitoring and security documentation. Proven expertise in collaborating across teams to optimize development lifecycles and resolve operational challenges. Committed to applying best practices and standardized procedures to ensure high availability and continuous system improvement.

Technical Skills

DevOps Tooling	Docker, Docker Compose, Kubernetes, GitHub Actions, Jenkins, Terraform, Ansible, Prometheus, Grafana, Git, Bash, NGINX
Cloud Platforms	Oracle Cloud (OCI), AWS, Azure, GCP
Programming	Python, Java, JavaScript, C, Bash, PHP
Web/Backend	Next.js, React, Angular, Node.js, Express, Spring Boot, Apache, REST APIs
Databases	PostgreSQL, MySQL, MongoDB, Oracle, SQLite
Systems	Linux (Ubuntu, CentOS), Windows (PowerShell)
Languages	English (C2), French (B2)

Experience

MLOps/DevOps Intern Mar 2025 – Jul 2025

Oracle R&D — Casablanca, Morocco

- Automated ML model deployment workflows with GitHub Actions and Docker, reducing manual deployment time by 60%.
- Provisioned OCI infrastructure using Terraform and implemented observability with Prometheus/Grafana, resulting in faster issue detection and improved system reliability.
- Deployed containerized services on Kubernetes and resolved critical bugs, minimizing downtime and ensuring production stability.

Freelance DevOps Engineer Mar 2023 – Mar 2025

Remote / Various Clients

- Delivered production-ready cloud infrastructures (Azure, OCI) using Terraform, Ansible, and Docker, improving deployment consistency and reducing errors.
- Built CI/CD pipelines (GitHub Actions, Octopus Deploy) that automated testing and deployments, decreasing release times by over 70%.
- Improved cloud security by adding RBAC, managing secrets, and automating patching, reducing vulnerabilities.
- Worked with teams to quickly fix deployment issues, speeding up releases and boosting reliability.

Full-Stack Developer intern Apr 2023 – Jun 2023

EKBlocks — Marrakech, Morocco

- Developed a legal case management platform using Django Rest and React, enhancing user experience and streamlining case tracking.

- Deployed the platform using Docker and secured access via JWT-based authentication and RBAC, ensuring robust security and efficient user management.

Software Developer Intern

Jul 2022 – Sep 2022

SEOCOM — Marrakech, Morocco

- Deployed Laravel applications on cloud servers and automated routine server tasks using Bash, improving server efficiency and reducing manual workload.
- Refactored legacy PHP modules to improve code maintainability, resulting in easier updates and reduced technical debt.

Education

MSc — Intelligent and Mobile Systems

Oct 2023 – Jul 2025

USMBA — Fez, Morocco

Relevant Courses: Distributed Architectures, AI, Machine Learning, Cloud Infrastructure

BSc — Web Technologies & Programming

Sep 2022 – Jul 2023

UCA — Marrakesh, Morocco

Relevant Courses: Software Engineering, Networking, Oracle DB, Java

DevOps & Automation Projects

Freelance — Noor — Omrah Trip Management Platform

Next.js, Node.js, Docker, NGINX, GitHub Actions

- Developed a specialized platform from scratch to manage pilgrim information, trip scheduling, travel logistics, and expense management for an Umrah company.
- Automated the CI/CD pipeline with GitHub Actions for builds and deployments, and containerized services using Docker for a consistent environment.
- Deployed on a secure cloud VPS, using NGINX as a reverse proxy for SSL termination and load balancing.

Smart Home IoT Web Interface

Next.js, C, Docker, NGINX

- Developed a custom web server in C to interface with IoT sensors and devices.
- Automated deployment using Docker and orchestrated services via NGINX on a VPS.
- Integrated Git workflows and containerized environment for fast CI/CD deployment.

Tawqiti — Timetable Management Platform

Spring Boot, Angular, PostgreSQL, Apache

- Developed a robust, multi-user system with dynamic scheduling and live updates.
- Deployed backend on Apache and automated system configs using Bash.
- Used Git for codebase versioning and implemented Agile-based workflows.

Portfolio Website

Next.js, Docker, NGINX, SSL

- Built and hosted a secure, personal portfolio to showcase DevOps projects.
- Maintained production deployment using Docker and continuous updates via GitHub Actions.