

MOHAMMED CHAARAOU

CLOUD & DEVOPS ENGINEER · INFORMATION SYSTEMS SECURITY ENTHUSIAST

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PROFILE

Cloud & DevOps engineer with 4+ years of hands-on experience across Azure, AWS and GCP, currently in the 2nd year of a State Engineer's degree in Information Systems Engineering (SUPMTI Rabat). Proven record designing CI/CD pipelines, containerized infrastructure (Docker/Kubernetes) and automation tooling for government and private-sector clients. Active independent security researcher on YesWeHack with accepted reports on production systems. Fluent French and English; seeking international DevOps / SRE / cloud-security opportunities.

EDUCATION

State Engineer's Degree — Information Systems Engineering (Ingénierie des Systèmes d'Information)

SUPMTI — Rabat · 2024 – 2027 (in progress) · Year 2 of 3, Semesters 1 & 2 completed

Key coursework: Python & Data Science · Artificial Intelligence · Big Data · Cryptography & Network Security · CCNA 3/4 (Network Interconnection) · Mobile & Distributed Development · Advanced OOP · PL/SQL & Oracle · SQL Server Administration · Software Engineering · IoT · Advanced Web Frameworks · Agile & IS Project Management

Specialized Technician in Computer Development

Institut Spécialisé de Technologie Appliquée Lazaret, Oujda · 2018 – 2020

Baccalaureate — Life and Earth Sciences

Lycée Larbi El Houssaini, Oujda · 2016 – 2017

PROFESSIONAL EXPERIENCE

IT Civil Servant (Fonctionnaire Informaticien)

Treasury General of the Kingdom (TGR) — Assa-Zag Accounting Office · since 01/2024

- Build internal automation tools for financial processes (e.g. converting collective transfer-order Excel files into UNL banking remittance format).
- Administer and maintain the office's IT systems; provide on-site support for network, printers, scanners and workstations.
- Support Oracle business tools (treasury management, reconciliation) and track incidents via Jira with central IT.

DevOps & Cloud Consultant

Cloutechio, Oujda · 04/2021 – 12/2023

- Designed and implemented cloud solutions on AWS, Azure, GCP using Kubernetes, Docker and Jenkins.
- Built CI/CD pipelines (Azure DevOps, GitLab CI, ArgoCD, AWS CodeBuild/Deploy) and IaC with Terraform and Ansible.
- Advised clients on cloud adoption; optimized cloud spend and performance; migrated on-prem workloads to the cloud.

Web Developer

ALGOLUS, Oujda · 06/2020 – 07/2021

- Developed a CMS for no-code portfolio creation (PHP) in a 3-person team.
- Built client websites with PHP, HTML, CSS and JavaScript.

SELECTED PROJECTS & SECURITY RESEARCH

Independent Bug Bounty Hunter — YesWeHack (private & government programs) · 2025 – present

Reported verified vulnerabilities (authentication bypass on a staging GraphQL gateway — CVSS 5.3, unauthenticated DoS — CVSS 7.5). Built automated recon & testing infrastructure: Dockerized toolchain, Python/Playwright automation, nuclei, mitmproxy; LLM-assisted triage pipeline.

MLOps — DigitRE

Automated the ML lifecycle from data prep to model deployment with AKS, Azure Container Instance/Registry, Azure Pipeline and Azure Monitor.

DevOps & Cloud Consulting — Octopeek

Day-to-day system administration, infrastructure automation, ETL work and operational maintenance (MCO).

Web Scraping — Bouygues Telecom

Python/Selenium pipeline pulling data into structured CSV exports.

TECHNICAL SKILLS

Cloud	Azure (2 yrs) · AWS · GCP — compute, storage, networking, serverless, AKS/EKS/ECS/Fargate
CI/CD	Azure DevOps · GitLab CI · Jenkins · ArgoCD · Bitbucket Pipelines · AWS CodeBuild/Deploy · Drone CI
Containers	Docker · Kubernetes (AKS, EKS) · registry & workload management
IaC & Config	Terraform · Ansible · Git

Systems	Linux · FreeBSD · Windows Server
Programming	Python · Bash · PowerShell · .NET · SQL (PL/SQL, T-SQL)
Web	PHP · MySQL · Symfony · WordPress · HTML/CSS/JS
Security	nuclei · Burp Suite · mitmproxy · Playwright automation · OWASP methodology · vulnerability assessment

CERTIFICATIONS & LANGUAGES

• Microsoft **DP-900 Azure Data Fundamentals** · • AWS **Cloud Practitioner**

Arabic — native · **French** — fluent · **English** — fluent