Ahmed ABDESSAMAD

DevOps & CloudOps Consultant

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Credly | LinkedIn | GitHub | Portfolio

PROFILE

DevOps & CloudOps Consultant with 4 years of professional experience (CNAV, SNCF, Tech-Expert) and 18 months as an instructor at GoMyCode (750+ hours, 50+ students). Specialized in CI/CD automation, Kubernetes orchestration and Cloud infrastructures (AWS, Azure, Terraform). Based in Paris.

PROFESSIONAL EXPERIENCE

DevOps Consultant – CNAV *March 2024 – present*
DevOps Consultant — Paris, France

- Creating and updating Ansible roles to automate deployments and configuration management.
- Writing Ansible playbooks to automate software installation on target servers.
- Designing and updating Jenkinsfiles for efficient and customized CI/CD pipelines.
- Implementation of GitLab CI/CD pipelines to automate application deployment on OpenShift.
- Shell scripts to automate updates across different environments.
- Develop a dashboard to manage our Ansible roles calls.
- Resolving technical incidents on the DoIT platform for CNAV teams (N2/N3).

Apps: *JBoss (EAP) | Batch | BDD (Oracle, PostgreSQL) | Docker | Quarkus...*

Stack: *Ansible | Jenkins | Shell | GitHub CI/CD | Linux | Kafka | Docker | Kubernetes | Openshift*

CloudOps Engineer – SNCF *Aug 2022 – November 2023*
CloudOps Engineer — Lyon, France

- Terraform modules to automate Azure infrastructure provisioning via Jenkins pipelines.
- Creating and managing Azure Policies.
- Developing unit tests for Terraform projects.
- Shell scripts to reduce RBAC usage and report subscription quotas across Azure.
- Azure Functions to automate log transfer to Datadog.
- Creating dashboards and alerts in Datadog — N2/N3 support.

Stack: *Terraform | Microsoft Azure | Jenkins | Datadog | Shell | Python*

DevOps & Cloud Engineer – Tech-Expert *Sep 2021 – Jul 2022*
DevOps & Cloud Engineer — Tunis, Tunisia

- Infrastructure migration from OVH to Azure (Terraform provisioning).
- CI/CD pipelines with Bitbucket CI/CD.
- Installing and configuring ELK stack (Filebeat, Elastalert, Metricbeat) for application monitoring.
- Setting up Zabbix + Grafana + Elasticsearch for server metrics.
- Mentoring the Dev team on DevOps culture.

Stack: *Terraform | Azure | Bitbucket CI/CD | ELK | Zabbix | Grafana | Docker | Linux*

DevOps Instructor – GoMyCode (part-time) *Jan 2021 – Jul 2022*
DevOps Instructor — Tunis, Tunisia

- 750+ training hours delivered to 50+ students across 6 sessions.
- CI/CD workshops: Jenkins, Ansible, Docker, Git, SonarQube, AWS (EC2, EKS, ECR), Azure.
- Dedicated Kubernetes clusters allowing each student to deploy their own website.
- Terraform infrastructures for hands-on labs.

Stack: *Docker | Kubernetes | Terraform | Jenkins | Ansible | Git | SonarQube | AWS | Azure*

DevOps / Full Stack JS Engineer (Final Year Project) – Tech-Expert *March 2021 – Aug 2021*
Final Year Internship — Tunis, Tunisia

- CI/CD pipeline: Azure VMs, Shell, Docker, Jenkins, Selenium, SonarQube.
- Microservices migration from VPS to Azure Kubernetes Service (AKS).
- MERN application for mission and appointment management.

Stack: *Docker | Jenkins | Kubernetes | AKS | SonarQube | Selenium | React JS | Node JS | MongoDB*

Summer Internship – TAC-TIC *Aug 2019 – Sep 2019*
Intern — Tunis, Tunisia

- Deploying a Cloud platform based on OpenStack.
- Managing containers with Kubernetes.

Stack: *OpenStack | Kubernetes*

Final Year Internship (Bachelor's) – ACOBA *Jan 2018 – Jun 2018*
Intern — Monastir, Tunisia

- Developing a web application for business services (Bootstrap, Laravel, MySQL).
- Containerizing the application with Docker.

Stack: *Laravel | MySQL | Bootstrap | Docker*

CERTIFICATIONS

Certifications	CKA: Certified Kubernetes Administrator | AWS SAA: Solutions Architect – Associate Terraform Associate (003): HashiCorp | AZ-900: Microsoft Azure Fundamentals RH294: Linux Automation with Ansible | AWS CCP (CLF-C02): Cloud Practitioner
Badges	20+ certifications in the DevOps & Cloud Computing field

EDUCATION

ESPRIT – Private Higher School of Engineering and Technology *Sep 2018 – Sep 2021*

Ariana, Tunisia — Computer Engineering Degree (MEng equivalent)

ISITC – Higher Institute of Computer Science and Communication Technologies *Sep 2015 – Jun 2018*

Sousse, Tunisia — Applied Bachelor's in Computer Networks

SKILLS

DevOps	Git | Jenkins | Docker | Docker Compose | Nginx | Kubernetes | Ansible | Shell Script | Nexus | ELK | DataDog | SonarQube | Zabbix | Azure DevOps | Prometheus | Grafana
Cloud	Terraform | Microsoft Azure | AWS (EC2, RDS, EKS, ECR) | OpenStack | OVH
Operating Systems	Linux | Windows
Development	JavaScript (React JS, Node JS) | Laravel 6 | Symfony 3.4
Databases	MongoDB | MySQL
SCM	GitHub | GitLab | Bitbucket
Methodologies	SCRUM | AGILE
Languages	French — Fluent | English — Fluent | Arabic — Native

INTERESTS

YouTube	Free courses in Arabic: DevOps, Docker, Kubernetes, CI/CD...
Hobbies	Sport | Travel | Agent AI | Content Creation | Blockchain | Cryptocurrency