

Benabbou Yahia Mohamed

CLOUD DEVSecOps ENGINEER · SOFTWARE DEVELOPER

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Personal Profile

A dynamic Cloud & DevSecOps engineer with a strong background in software and app development, cloud services, and DevOps concepts. Proficient in a wide range of programming languages, including Python, JavaScript, Rust, and Java, with expertise in front-end technologies like React and NextJS. I thrive on collaborating with teams to drive innovation and possess a solid foundation in both technical and soft skills. My educational background in Programmable Services, Systems & Networks further complements my ability to excel in various software engineering projects.

Work Experience

5GWorldPro.com 5G Training & Consulting Company

Marrakesh, Morocco

INTERN DevOps Engineer

apr 2023 - sep 2023

- Troubleshooting and building software and preparing for the migration to the cloud.

- **Technical Skills:** Go, GitHub, Linux, Testing, Automation, Git.
- **Soft Skills:** Time Management, Communication, Logical Thinking, Remote Working.

OLLMOO

London, UK

Part-time Software Engineer

Sep 2022 - Jan 2023

- Working with the Tech Lead on a variety of projects to restructure, improve and develop new interactive sections of the website
- Taking initiative and proposing any changes and improvements to the team.

- **Technical Skills:** Java, EC2, S3, RDS, Git, Gitlab, Gitlab pipelines, Salesforce, Nodejs, MySQL, Nextjs, React, SASS, .
- **Soft Skills:** Agile, Kanban, Remote Working, Teamwork, Time Management, Communication, Presentation skills.

Ruddy

Brussels, Belgium

INTERN FULL-STACK DEVELOPER

July 2022 - Sept 2022

- Build a model with a team to automate the process of data scraping and gathering information, filter it and push it to the DB.

- **Technical Skills:** Python, Data Scraping, Selenium, automation, MySQL, Git, Gitlab.
- **Soft Skills:** Time Management, Communication, Logical Thinking, Remote Working.

Skills

Cloud/DevOps	OCI, AWS, OpenStack, VMware, Systems & Networks administration, Ansible, Docker, K8s, Linux, Git, Terraform, Jenkins, Bash, OpenShift, Nutanix.
Programming	Rust, Java, Python, C++, HTML/CSS, JS, NodeJs, Flask, Django, NextJS, ReactJS, Angular, React Native, Kotlin.
DS/ML	Python (numpy, pandas, Matplotlib), Scikit-learn, SQL
Soft Skills	Adaptability, Self-training, Teamwork, Problem-solving, Remote Working, The power of proposal

Achievements

2024	Oracle Cloud Infrastructure (OCI) , Oracle Cloud Infrastructure Certified DevOps Professional	morocco
2024	AWS , preparing AWS DevOps Professional certification exam (60%)	morocco
2023	OCI Certified x3 , Foundations Associate & Oracle Cloud Data Management & AI Foundations Associate	morocco

Projects

Building a Secure Microservices Architecture with Kubernetes on OCI

Mar 2024 - present

- Design microservices based on business capabilities and API contracts
- Deploy and manage microservices with Kubernetes on OCI (OKE)
- Integrate security best practices (container image scanning, secrets management, network segmentation) within OKE
- **Technical Skills:** API contracts, Kubernetes and OKE, OIAM, Security best practices, Prometheus and Grafana
- **Soft Skills:** Self-training, Logical Thinking, Problem-solving....

VMware Virtualized Data Center Implementation

Marrakesh, Morocco

Jan 2024 - May 2024

- Spearheaded the implementation of a VMware-based virtualized data center to improve resource utilization, enhance scalability, and reduce operational costs for a large financial services firm. The project included the deployment of VMware vSphere, configuration of NSX for network virtualization, and vSAN for software-defined storage.
- Designed and implemented a virtualized data center using VMware vSphere, including ESXi hosts and vCenter Server
- **Technical Skills:** vSphere (ESXi, vCenter), NSX, vSAN, vRealize Suite (Automation, Orchestrator, Operations).
- **Soft Skills:** Report writing, Logical Thinking, Critical Thinking.

Building a CI/CD Pipeline for OCI Functions with Serverless Framework

Nov 2023 - Jan 2024

- Use the Serverless Framework to define and manage serverless functions written in Python
- Develop a pipeline that includes:(Unit testing of functions, Deployment to OCI Functions using the Serverless Framework plugins.
- **Technical Skills:** PYthon, Jenkins, OCI functions, Github, Bash, AnsibleBuilding a Secure Microservices Architecture with Kubernetes on OC
- **Soft Skills:** Report writing, Team Working, Critical Thinking.

OpenStack Cloud Infrastructure Deployment

May 2023 - Oct 2023

- Deployed core OpenStack components: Nova (Compute), Neutron (Networking), Cinder (Block Storage), Swift (Object Storage), Keystone (Identity Service), Glance (Image Service), and Horizon (Dashboard).
- Configured OpenStack Heat for orchestration and automated deployment of cloud resources
- **Technical Skills:** Nova, Neutron, Cinder, Swift, Keystone, Glance, Horizon, Heat, Ceilometer, Ansible.
- **Soft Skills:** Presentation skills, Leadership, Logical Thinking.

Education

National School of Applied Science of Marrakesh

Marrakesh, Morocco

Bachelor of Engineering in Programmables Services, Systems & Networks

Sept 2019 - Current (june 2025)

- Head of Events and training in RSSP CLUB
- Part time job as a Software Engineer
- Chair of IEEE student branch Cadi Ayyad University
- **Courses:** Computer Science ,Full Stack Development, System administration, Mobile Development, Automation, Network administration , Database Development , AI/ML ,Project Management