

Mohamed Belkamel

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DevOps Engineer with hands-on experience in managing Linux-based systems and AWS cloud infrastructure

WORK EXPERIENCE

DevOps Engineer — SQLI - Rabat

Mar 2023 - present

- Authored Helm charts to facilitate the seamless deployment of microservices, significantly optimizing the construction of an e-commerce platform.
- Designed and Configured Auto-scaling microservices on Kubernetes using HPA.
- Authored multi-stage Infrastructure as code environments on Azure using Terraform resulting in reproducible infra and slim margin of error, reporting cost estimations and reports.
- Configured ArgoCD in conjunction with Helm charts, improving the deployment automation process and enhancing the continuous delivery capabilities.

DevOps Cloud Engineer — Skult - France

Jan 2022 - Sep 2022

- Architected Microservices with CI/CD pipelines for automated deployments on Github Actions, reducing deployment time by 50%.
- Deployed containers on AWS ECS, reducing manual errors and improving deployment efficiency by 40%.
- Set up dev, staging, production environments for streamlined release management.

Software Engineer — Skult - France

Jun 2021 - Oct 2021

- Designed High-level architecture and picked technologies, resulting in a 30% increase in system efficiency.
- Set up Data ingestion pipeline to collect Game Data statistics and export performance-based metrics, resulting in faster data aquisition.
- Designed, coded and deployed a fast Graphics generator using Golang, AWS ECS.

DevOps Engineer — Visiativ - Casablanca

Jul 2021 - Aug 2021

- Deployed an e-commerce platform based on .NET Core to AKS.
- Built POCs to help share concepts with the team.

PROJECTS AND EDUCATION

Projects:

Ophthalmology platform

[Link to Organization](#)

Developed an AI-Powered Ocular Disease Detection and patient management platform.

Discord Music Bot

[Link to Repository](#)

Developed a youtube algorithm enforced Discord music bot with none-stop music, resulting in an improved user experience.

Education:

Engineering Degree, EMSI, 2018

DELFI diplomat in French language studies, 2018

Scientific Baccalaureate, french option, 2018

American Language center, 2017-2018

PUBLICATIONS

“Loadbalancing Docker containers with Nginx” (June 2020). In: *Medium*. URL: <https://tinyurl.com/j34uk43z>.

“Nginx docker container serving a front end react app” (May 2020). In: *Medium*. URL: <https://tinyurl.com/2jtnu6wy>.

SKILLS

Cloud, DevOps: AWS, Docker, Kubernetes, Ubuntu, Azure Devops, Git, CI/CD, Microservices, ArgoCD, Helm, Ansible.
Programming: Typescript, Node.js, Python, Java Spring Boot, Golang, Next.js, React.
Databases: MongoDB, Redis, PostgreSQL, SQL Server, MySQL, Milvus, PineCone, VectorDBs

LANGUAGES

Languages: French, English, Arabic