

Mouadh Saadaoui

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🌐 MouadhSaadaouiPortfolio.com

Education

Computer science student at ESPRIT School of Engineering
Major in Cloud computing, IT Architecture, DevOps, and automation.
Practical experience with AWS, Google Cloud, Docker Jenkins and Kubernetes.

Experience

HelloAI

Jul. 2024 - Sep. 2024

DevOps Engineer Intern

Google Cloud Platform, Kubernetes, Docker, Git, Cloud Functions, maven

- Enhanced deployment efficiency by designing and implementing CI/CD pipelines for a chatbot, ensuring streamlined and automated processes.
- Optimized monitoring by applying real-time build status notifications.

PrendsTaPart

Jul. 2023 - Sep. 2023

Web Development Intern

Laravel, JavaScript, MySQL, cron, HTML, GitHub

- Enhanced user experience by developing and maintaining an e-learning platform, boosting engagement through automated course evaluations and follow-up notifications.

ATI- Tunisie Internet

Jul. 2022 - Sep. 2022

Cloud Computing Intern

Linux, VMware ESXi, Virtualization

- Configured ESXi servers and developed a web UI for easy access and monitoring of virtual machines .

Projects

CI/CD Pipeline Automation with Jenkins

Dec. 2023 - May. 2024

Jenkins, Docker Compose, Nexus, Docker, SonarQube

- Automated testing, SonarQube analysis, and Docker image builds in a Jenkins-driven CI/CD pipeline.
- Secured sensitive data with Jenkins credentials, tokens, and environment variables.
- Orchestrated microservices on AKS and Docker Compose for scalable deployments and local testing.

AWS Infrastructure Automation

Dec. 2023 - May. 2024

Terraform, AWS, GitLab CI/CD, IaC

- Ensured high availability and secure deployment through Terraform setup with S3/DynamoDB for state management.
- Improved security using GitLab CI/CD variables to manage secrets, with flexible manual approval.

OpenStack Cloud and Microservices Deployment

Dec. 2023 - May. 2024

Kubernetes, Docker, Spring Boot, Angular, Git

- Established a private Cloud and deployed a Kubernetes cluster with Magnum for enhanced orchestration.
- Designed and containerized a microservices application using Spring Boot and Angular, successfully deploying it on a Kubernetes cluster to enhance scalability and maintainability.
- Implemented real-time monitoring using Prometheus and Grafana.

Certifications

Google Cloud Fundamentals: Core Infrastructure

Dec. 2024

Implement DevOps Workflows in Google Cloud Skill Badge

Aug. 2024

Introduction to Microsoft Azure Cloud Services

Sep. 2024

Microsoft Azure Management Tools and Security Solutions

Sep. 2024

Skills

Programming & Scripting:	Python, Java, Bash, SQL, PHP, C/C++
Cloud & DevOps:	AWS, GCP, Azure, Kubernetes, Docker, Terraform, Ansible, Jenkins
Frameworks & Tools:	Spring Boot, Angular, Laravel, Node.js, Maven, Gradle, Git
Monitoring & Security:	Prometheus, Grafana, Azure Monitor, IAM, VPC Security

Languages

English: (Fluent) French: (Fluent) Arabic: (Native)