

Malek Zaag

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Technical Skills

• Java | Python | Javascript | SQL | Kubernetes | Docker | Terraform | AWS | GCP | Azure | Ansible | Grafana | Prometheus | NestJs | ReactJs | Git | Spring Boot | CI/CD | GitOps | Jenkins | ArgoCD | DevOps | CyberSecurity | Monitoring

Professional Experience

Cloud Engineer

02/2024 – 08/2024 | Paris, France

Dassault Systemes

- Setup an internal tool to monitor infrastructure used by 40 services
- Worked with log aggregation tools like opensearch and getting familiar with data pipelines
- Used container observability tools to monitor 100% of containerized workloads for the team

Devops Engineer

07/2023 – 08/2023 | Tunis, Tunisia

Talys

- Migrated two microservices applications (ACM and DFM) that were running on Docker Compose to a 100% local deployed Kubernetes cluster
- Worked with Dev Team to understand the architecture of the 11-microservices application (ACM)
- Showcased the benefits of migrating the local Kubernetes cluster to the cloud infrastructure through meetups with the Tech Lead and the scrum master

Full-Stack Developer

07/2022 – 08/2022 | Tunis, Tunisia

True Delta

- Developed a web based OCR application to check frauds and errors in banking checks
- Collaborated with data team to identify areas for improvement and implemented solutions resulting in 80% of project completion

Full-Stack Developer

06/2022 – 07/2022 | Tunis, Tunisia

Dwaya

- Developed a web application for teleconsultation and ordering medicines by scanning prescriptions
- Designed and implemented 50% of the web interface and big part of the backend system

Education

Engineering Degree

09/2019 – 09/2024 | Tunis, Tunisia

National Institute of Applied Science and Technology

Certificates

- | | | | |
|-----------------------------|------------------------------------|--------------------------------|------------------------------|
| • Azure Fundamentals AZ-900 | • AWS Certified Cloud Practitioner | • GCP Associate Cloud Engineer | • Azure Administrator AZ-104 |
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Projects

CloudiVops

- Platform for automating the creation, configuration and monitoring of virtual machines provisioned in Azure.

CI/CD pipeline with Jenkins and Argo CD

- Built a CI/CD pipeline from scratch

ELK SIEM to watch network traffic

- Instantiated a Linux virtual machine and using ELK stack to monitor the network traffic

Deploy Web application on Azure Kubernetes Service

- Hosted a fullstack web application to Azure kubernetes service and make it available to public

Languages

- | | | |
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| • English | • French | • Arabic |
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Organizations

Securinets

Member

09/2020 – 09/2022

IEEE

Member

09/2020 – 09/2021

Google IT event

Contact Manager