

# Malek Zaag

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## Technical Skills

- Java | Python | Javascript | SQL | Kubernetes | Docker | Terraform | AWS | GCP | Azure | Ansible | Grafana | Prometheus | Loki | NestJs | ReactJs | Git | Spring Boot | CI/CD | GitOps | Jenkins | ArgoCD | DevOps | CyberSecurity | Monitoring | FullStack | DevOps | SRE | Backend | FrontEnd | GitHub | Gitlab | Cloud

## 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 medecines 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 Institue of Applied Science and Technology

## Certificates

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

## Projects

### CloudiVops

- Platform for automating the creation, configuration and monitroing 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

- English
- French
- Arabic

## Organizations

### Securinets Member

09/2020 – 09/2022

### IEEE Member

09/2020 – 09/2021

### Google IT event Contact Manager