

# 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 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 Institue of Applied Science and Technology** [🔗](#)

## Certificates

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

## 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

- English
- French
- Arabic

## Organizations

**Securinets Member** 09/2020 – 09/2022

**IEEE Member** 09/2020 – 09/2021

**Google IT event Contact Manager**