

Chadha Siala

DevOps Engineer, 3 years experience

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PROFESSIONAL EXPERIENCE

MAIBORNWOLFF GMBH

Tunis, Tunisia

DevOps/Software Engineer

Apr 2024-Present

- Automated the test and deployment of an internal application using Azure DevOps, Kubernetes and Helm.
- Maintained and refactored a large-scale .NET-based system for Mercedes-Benz, transitioning it to the Onion Architecture.
- Designed 15 GraphQL interfaces to enable interoperability with external systems and wrote SQL scripts for data migration.
- Contributed to architectural decisions.

UNIVERSITY OF MICHIGAN-DEARBORN

Michigan, USA

DevOps Research Assistant

Aug 2023-Feb 2024

- Analyzed the co-evolution of CI/CD pipelines and Machine Learning files to identify automation challenges in related projects.
- Developed a specialized tool to extract code changes in CI/CD configuration files, focusing on Travis CI and GitHub Actions.

WINTICS

Paris, France

DevOps Intern Feb 2023-Aug 2023

- Implemented LDAP authentication, attracting two new major clients that use Active Directory.
- Automated deployment processes with Ansible thus reducing time and manual effort during deployment from 1.5 hours to just 15 minutes.
- Optimized CI/CD pipelines through multibranch configurations, and enhanced security by adding dependency scanning and using RedHat container images.
- Built a scalable monitoring system with centralized logging, performance metrics, and customized Grafana dashboards with RBAC.

VNEURON

Tunis, Tunisia

DevOps Intern Jul 2022-Aug 2022

- Designed and deployed a cloud-native monitoring system with Loki, Prometheus, and Zipkin, replacing a paid solution.
- Established a data storage solution by seamlessly integrating with Azure Blob Storage, ensuring scalability and cost-effectiveness
- Built a CI/CD pipeline to automate deployment on Azure Kubernetes Service (AKS) using Helm.

KABYLIS

Tunis, Tunisia

Software Engineer

Jun 2021-Dec 2021

- Developed a cross-platform luxury rental app with chat functionality and a custom calendar for stays, which has hundreds of downloads on Google Play Store and the App Store.
- Automated testing and deployment through a CI/CD pipeline.

EDUCATION

SOFTWARE ENGINEERING DEGREE

Tunis, Tunisia

National Institute of Applied Science and Technology (INSAT)

2018-2023

CERTIFICATES

- | | |
|---|------|
| Microsoft Certified: Azure Administrator Associate | 2024 |
| AWS Certified Cloud Practitioner | 2022 |
| Particular Software Distributed Systems Design Fundamentals | 2022 |
| NVIDIA DLI Fundamentals of Deep Learning | 2022 |
| Google IT Automation with Python Professional Certificate | 2020 |

SKILLS

- Programming languages:** C#, Java, Python, C++, Linux Shell.
- Software Development:** .Net, Spring Boot, NestJS, NodeJS, Django, Laravel, React, Angular.
- Database Development:** MySQL, PostgreSQL, OracleDBMS, MongoDB.
- DevOps and Cloud Computing:** Microsoft Azure, AWS, Docker, Kubernetes, Helm, Terraform, Ansible, Github actions, Jenkins, Argo CD, Trivy, Grafana, Prometheus, Loki.
- Soft Skills:** Public speaking, Fluid communication, Leadership, Creative Writing.
- Languages:** English (TOEFL C1), French, Arabic, German.

INTERESTS

- Sports:** running and kickboxing
- Playing Piano:** classical music
- Crochet**