GHASSEN OUERTANI

Solutions architect - DevOps engineer

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SUMMARY

Solutions Architect and DevOps Engineer with extensive experience in cloud infrastructure, automation, and migration across multiple platforms (Azure, AWS, IBM, HetznerCloud). Skilled in tools like Terraform, Ansible, Kubernetes, and Docker, with a strong background in designing scalable, secure solutions and optimizing CI/CD pipelines. Proven ability to lead teams, define project milestones, and deliver impactful results for clients in automotive and telecommunications sectors. Passionate about driving innovation and enhancing operational efficiency.

WORK EXPERIENCE

Cloud solutions architect – DevOps Consultant, Informatikwerk GmbH

Deutschland – Stuttgart
FEB 2024 – current

- Automate infrastructure configuration and management using Ansible.
- Provision cloud infrastructure leveraging Terraform for efficient automation.
- Led the full migration of legacy applications (windows server base) from on-premises to HetznerCloud.
- Develop and implement comprehensive backup and disaster recovery plans.
- Configure and deploy HashiCorp Vault on HetznerCloud as a centralized secrets management solution.
- Design and implement a complete CI/CD pipeline within Bitbucket.
- Leading team, defining epics, user stories, and milestones.
- Dockerize and migrate a legacy application to Azure AKS (Daimler Truck – consulting).
- Deploy and configure ArgoCD and Kubernetes dashboard on AKS cluster (T-systems – consulting)
- Defined and designed the overall project infrastructure architecture.
- Conducted security assessments and implemented countermeasures for enhanced protection (Daimler Truck – consulting).
- Revamping a legacy CI/CD pipeline shell based into bitbucket pipeline.
- Handling web applications certificate using LetsEncrypt.

DevOps engineer – System Administrator, Userlike UG

Deutschland – Köln
AUG 2023 – JAN 2024

- Automate routine tasks using Ansible, Molecule, and Rundeck for improved operational efficiency.
- Implement Redis and configure Redis Sentinel for automatic failover management.
- Monitoring tools implementation: Grafana, Prometheus and Prometheus exporter
- Backup and restore solution using Restic/Resicprofile and AWS S3-bucket.
- Manage hostname resolution with Consul (HashiCorp) as a DNS solution.
- Manage GitHub Actions for automatic deletion of stale branches.
- Leverage Terraform and CloudFormation for provisioning AWS resources.
- Implement and integrate Kafka Avro data consumer, ensuring efficient data storage within databases.
- Deploy and configure Keycloak for Single Sign-On (SSO) functionality.

DevOps and Cloud Engineer, Informatikwerk GmbH

Deutschland – Stuttgart
AUG 2021 – JUL 2023

- Cloud Infrastructure migration (AWS, IBM, DHC "Daimler-Harbor-Cloud", Azure)

- Database migration (PGSQL, IBM DB2)

- Monitoring tools implementation: Elastic Stack (Elasticsearch, Logstash, Kibana), Prometheus, Datadog

- Determination of the application needs, the technology stack, UML schemas

- Designing and building the architecture of a cloud computing infrastructure following cloud best practices.

- Cloud prototyping of the modules for the customer environment

- Definition of Use Cases and NFRs

- SCRUM master (Jira epic/stories define & creation), daily meetings and customers meetings

- CI-CD implementation (Jenkins, ArgoCD)

- git migration (bitbucket, GitHub)

- Application migration (On-Prem → Off-Prem)

- Implementation of OIDC based application in Kubernetes (MBAG software)

- daily tasks automation (python, Shell script)

- Implementation of RabbitMQ in IBM cluster

- Automated Testing (JMeter, Junit)

- Ensure highly available and scalable cloud platforms following the load balancing and auto scaling best practices in Kubernetes.

- Secure pipeline building and ensure application security in Kubernetes (kubeseal, end-to-end encryption)

CEO Founder, SMART-INFO

Tunisia – Tunis
AUG 2013 – OCT 2020

- IT sales and repair (PC, Smartphones and all IT accessories)

- Full stack development and web hosting (ReactJS, NodeJS, PHP, HTML, CSS)

- Video camera surveillance installation, network setup and configuration.

- Videos/photos editing and online advertisement.

ADDITIONAL INFORMATION

EDUCATION

Bachelor degree in computer sciences, ISET

Tunisia – Tunis
SEP 2015 – JUN 2018
Grade: Excellent
Specialty: Network and system administration

Master degree in computer sciences, TEKUP

Tunisia – Tunis
SEP 2018 – JUN 2021
Grade: Excellent
Specialty: cyber security

Master degree in computer sciences (exchange program)

Deutschland - Schmalkalden
OCT 2020 – SEP 2021
Grade: 1.5

CERTIFICATIONS

CCNA R&S, CISCO
Tunisia – Tunis
SEP 2015 – FEB 2017

CKAD, CNCF
Deutschland
DEC 2022 – DEC 2025

Skills

Technical-Skills: Docker, Kubernetes, Ansible, Terraform, Azure, AWS, Hetzner, IBM, PGSQL, DB2, Redis, Redis-sentinel, Hashicorp-vault, ArgoCD, Rundeck, UML, Jira, Confluence, Git, Postman, Springboot, ReactJS, Consul.

Soft-Skills: agile project management, customer facing, scrum master, solution oriented, communication, stakeholder management.

Industry: MBAG, Daimler Truck AG, Daimler VAN, Porsche, T-systems, AUSY.

ACHIVEMENTS

International CTF competition, TEKUP

Tunisia – Tunis
MAR 2020
Rank: 2nd place (team of 4 persons)

2x times Tunisian kickboxing championship

Tunisia – Tunis
AUG 2017 - MAR 2019
Rank: 1st place

LANGUAGES

•**Arabic**: mother tongue •**French**: C1 •**English**: C1 •**Deutsch**: B2