

IHSSANE ABOUSSAHL

CLOUD AND DEVOPS ENGINEER

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EDUCATION

Engineering Degree, Cloud Engineering 2021–2024
National Institute of Posts and Telecommunications - INPT

Preparatory Classes, PSI* 2019–2021
CPGE Bab Essahra – CPGE Ibn Timiya

WORK EXPERIENCE

Azure Cloud Migration Factory – Cloud / DevOps Intern at Deloitte Jan. – Jul. 2024

- Developed Terraform IaC modules to automate the creation of environments on Azure.
- Wrote PowerShell tests.
- Migrated on-premise applications to Azure using Azure Migrate.
- Automated deployments and testing via Azure DevOps.
- **Technologies:** Azure, Azure Migrate, Terraform, Azure DevOps

Development and Deployment of an API – DevOps Intern at INPT Jul. – Aug. 2023

- Developed an API and containerized it with Docker.
- Created Terraform modules for provisioning the AWS environment.
- Configured targets using Ansible playbooks.
- Automated deployments via Jenkins.
- **Technologies:** Next.js, MongoDB, AWS, Jenkins, Docker, Terraform, Ansible

Azure Cloud Solutions Implementation and Management – Cloud Intern at Capgemini Jul. 2022

- Deployed and configured Azure resources using ARM templates.
- Monitored applications via Azure Monitor.
- Created budget alerts with Microsoft Cost Management.
- **Technologies:** Azure Resource Manager (ARM), Azure VMs, Azure Functions, Azure Storage, Microsoft Cost Management, Azure Advisor

PROJECTS

Implementation of an end-to-end CI/CD pipeline for containers

- Containerized a Java application and optimized the deployment using Kubernetes.
- Implemented an automated deployment pipeline, ensuring smooth build and release processes.
- **Technologies:** Jenkins, Maven, SonarQube, Docker, Kubernetes, Helm

DevSecOps Solution Integration in Azure DevOps

- Strengthened the security of an Azure DevOps CI/CD pipeline by integrating SAST, SCA, and DAST
- Automated security scans to improve code quality and accelerate the resolution of vulnerabilities.
- **Technologies:** Azure DevOps, SonarCloud, Snyk, OWASP ZAP

BookIt: A Microservices Hotel Reservation Web App

- Developed a web application with Node.js.
- Integrated AWS services for authentication, API, and data management.
- **Technologies :** NodeJs, Docker, AWS Cognito, DynamoDB, Elasticsearch, AWS Cloud Map, RabbitMQ, ApiGateway, Lambda, SNS, ECS, Ec2

SKILLS

Technologies : AWS, Azure, GCP, Windows Server, Linux, Bash, PowerShell, GitLab, Bitbucket, GitHub, Jenkins, Terraform, Ansible, Apache, Nginx, Docker, Kubernetes, Python, JavaScript, MySQL, PostgreSQL, MongoDB

Certifications: Az 900 : Azure Fundamentals, Aws Cloud Practionner, SAA-CO3 : AWS Certified Solutions Architect – Associate

Languages: Arabic (Native) , Frensh (Read, Spoken, Written) , English (Toeic B2)