



Baker Alakhras

Software Engineer

A motivated and results-driven software engineering student with a strong foundation and keen interest in cloud computing. With hands-on experience in Azure, I am eager to continue learning and expanding my expertise in cloud technologies.

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📄 bakralakhras.github.io/portfolio/

🐙 github.com/bakralakhras

EDUCATION

Software Engineering Bahcesehir University

10/2021 - Present

Istanbul, Turkey

Achievements

- High Honor Student

WORK EXPERIENCE

Cloud Consultant Intern PwC Middle East

08/2024 - 10/2024

Amman, Jordan

Tasks

- **Developed scalable web applications** on **Azure**, leveraging **Docker** to containerize applications and optimize deployment processes in a distributed environment.
- **Designed and implemented CI/CD pipelines**, automating testing and deployment workflows to enhance development agility and ensure high-quality software delivery.
- **Built and deployed infrastructure using Terraform**, enabling automated provisioning and management of cloud resources to support scalable and resilient architectures.
- **Utilized Python for scripting and automation**, solving complex challenges related to cloud infrastructure management and enhancing system performance.
- **Monitored and optimized system performance** using **Prometheus and Grafana**, analyzing key metrics to drive operational efficiency and system reliability.
- **Collaborated in an agile environment**, contributing to high-impact projects by designing and implementing innovative solutions that improved scalability and efficiency.

DevOps Intern EarTechIT

06/2023 - 01/2024

Istanbul, Turkey

Tasks

- **Developed automation scripts in Python** to integrate with **CI/CD workflows**, leveraging **Azure Virtual Machines** and **Azure Functions**, streamlining deployment processes.
- **Implemented Python-based solutions** to document and automate the integration of **Azure services**, such as **Azure SQL Database** and **Azure Cognitive Search**, within CI/CD pipelines.
- Enhanced app UX on Azure, prioritizing performance optimization and bug fixes, leveraging Azure Blob Storage, Azure CDN, and Cosmos DB.

SKILLS

Azure

Docker

Linux

Terraform

CI/CD

GIT Action

Python

AWS

Cloud Computing

Kubernetes

PERSONAL PROJECTS

Cloud-Resume(AWS)

- **Developed and deployed a cloud-native portfolio website** utilizing **AWS services**, including **S3, CloudFront, Lambda, and DynamoDB**, ensuring high availability and scalability.
- **Built the frontend using React** to deliver a responsive and dynamic user experience, leveraging modern web development practices.
- **Implemented Infrastructure as Code (IaC)** using **Terraform**, automating the provisioning and management of cloud resources for consistent deployments.
- **Utilized Python for scripting and automation**, handling backend logic and integration with AWS services to enhance functionality and performance.

Docker CI-CD WebApp

- Developed a Azure cloud-based web application utilizing **Docker** for containerization, ensuring consistent deployment environments.
- Deployed the application on **Azure Web Apps**, gaining hands-on experience with scalable cloud hosting solutions.
- Configured **GitHub Actions** to automate the build and deployment of Docker images, reinforcing understanding of CI/CD workflows.

HONOR AWARDS

Bahcesehir University

· Honor Roll(2022-2023 Spring Semester); High Honor Roll (2022-2023 Fall Semester); High Honor Roll (2023 Spring Semester); High Honor Roll (2024 Fall Semester), Honor Roll(2024 Spring Semester),High Honor Roll(2025 Spring Semester)

CERTIFICATES

Azure Fundamentals(AZ900) (08/2024 - Present)

Azure Administrator(AZ104) (12/2024 - Present)

Certified Kubernetes Administrator Developer
(Ongoing)

AWS Certified Solutions Architect
(Ongoing)

LANGUAGES

Arabic

Native or Bilingual Proficiency

English

Native or Bilingual Proficiency