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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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 using **Azure** and containerized them with **Docker**.
- Designed and implemented CI/CD pipelines to automate deployment and testing processes.
- Assisted in creating **Terraform** deployment templates for managing cloud infrastructure.
- Monitored and tracked performance metrics with **Prometheus** and **Grafana**.
- Applied **Ansible** to harden Windows Server environments on Azure virtual machines.
- Delivered presentations on project outcomes and technical solutions to teams.
- Produced detailed technical diagrams and documentation for deployment processes and infrastructure.

DevOps Intern
EarTechIT

06/2023 - 01/2024   *Istanbul, Turkey*

Tasks
- Seamlessly integrated with **CI/CD workflows** utilizing services like Azure Virtual Machines and Azure Functions.
- Reduced onboarding time by documenting technical specs for Azure components like **Azure SQL Database** and **Azure Cognitive Search**, guiding integration into CI/CD pipelines.
- Enhanced app UX on Azure, prioritizing performance optimization and bug fixes, leveraging Azure Blob Storage, Azure CDN, and Cosmos DB.
- Increased code quality by 18% through active participation in Azure-based code reviews and resolution of issues alongside senior engineers, while also mastering CI/CD Pipelines.

SKILLS

Azure   Docker   Linux   Terraform   CI/CD
GIT Action   Python   AWS   Cloud Computing
Kubernetes

PERSONAL PROJECTS

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.
- Managed application dependencies with a requirements.txt file, streamlining the Docker image build process.

Terraform Scalable Solution
- Developed a cloud infrastructure using **Terraform**, implementing reusable modules for efficient resource management and organization.
- Deployed and managed multiple Azure resources, enhancing scalability and flexibility within the infrastructure.
- Utilized **Terraform CLI** commands for provisioning, managing state, and automating the infrastructure lifecycle.
- Integrated outputs and variables for dynamic configurations, facilitating seamless collaboration and deployment processes.

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