Mohannad Abuhussain

Senior DevOps Engineer

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Objective

A highly skilled individual with expertise in automation who has a proven record of designing and implementing effective automation solutions that optimize IT infrastructure. Skilled in Orchestration, Containerization and Automation. Committed to ongoing learning and development to keep up with the evolving field.

Work Experience

Senior DevOps Engineer   Aug 2024 – present
National Center of AI   Riyadh

- **Design, implement, and maintain cloud infrastructure (Azure and On-prem)** to support AI/ML workloads, with a strong focus on scalability, performance, and security.
- **Develop and manage automated infrastructure using IaC tools**
- **Enable CI/CD pipelines for ML models and infrastructure**, streamlining deployment and reducing operational friction in AI development workflows using data versioning system (DVC)
- **Collaborate with data science, platform, and engineering teams** to deliver reliable, production-ready ML solutions and cloud-native services.
- **Monitor, troubleshoot, and optimize cloud environments**, ensuring system reliability, cost-efficiency, and compliance with best practices.

Site Reliability Engineer   Sep 2023 – May 2024
Tweeq International   Riyadh, Saudi Arabia

- Respond to Systems/Customer incidents
- Aggregate Observability (logs/metrics/traces)
- Manage infrastructure using IaC tools (Terraform, Ansible)
- Developed and maintained monitoring and alerting systems using OpenSearch cluster.

Infrastructure Operations Specialist   Oct 2020 – Sep 2023
Al Rajhi Bank   Riyadh

- Designed, developed, tested and implemented an automated Jenkins server which reduced time for deploying, administrating, and troubleshooting Production and non-production Environments.
- Responsible for delivering Applications weekly changes to production environment.
- Monitored Application Servers performance through monitoring tool (Grafana/Influxdb).
- Support Production Environment for activities such as: payroll – disaster recovery – and daily operations.

Programmer Analyst   Mar 2020 – Oct 2020
Cognizant Technology Solutions   Riyadh

- Designed, executed and maintained Selenium Web Driver (TestNg, JUnit) automated test cases for regression test cases.
- Reviewed and analyzed Business requirements and developed TestPlan,Test reports and documentation of Manual and Automation Tests

Education

Bachelor's degree: Information Systems   2015 – 2019
University of St. Thomas   St. Paul, USA

Certificates

Certified Kubernetes Administrator	**Certified Kubernetes Developer**	**Microsoft Certified Azure Fundamentals**	**ITIL V4 Foundation Certificate in IT Service Management**
CKA	CKAD	AZ-900	

Skills

Orchestration — Kubernetes, Docker ｜ **CICD:** — Jenkins, Ansible, GIT, FluxCD ｜ **Programming languages:** — Python, Java,Bash ｜ **Cloud** — Oracle Cloud • Azure Cloud