Abdel-Rhman Khamis

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SUMMARY

DevOps enthusiast with over 3 years in software development and system operations. Former System Administrator for 2.5 years. Adept at Git, Docker, Kubernetes, and various cloud platforms (AWS, Azure, Oracle Cloud). Skilled in CI/CD pipelines and Linux system security. Passionate about solving complex issues and working collaboratively.

EXPERIENCE

Meem Development
Alexandria, Egypt

DevOps Engineer
Nov 2023 - Present

- Implemented CI/CD pipelines using GitHub, Jenkins, and Azure DevOps.
- Engineered scalable ERP systems on AWS and Oracle Cloud, integrating DevSecOps and GitOps.
- Collaborated with high-profile clients, including the Saudi Government, resulting in a 30% increase in system efficiency.

Andalusia Healthcare Business Solutions
Alexandria, Egypt

DevOps Engineer
Oct 2022 - Nov 2023

- Managed TFS Server for CI/CD, including blue-green and canary deployments.
- Developed a horizontally scalable ERP system on AWS for a monolithic architecture, reducing deployment time by 25%.
- Supported multiple Scrum teams and Agile processes across various products, improving team productivity by 20%.

Code Zone
Alexandria, Egypt

DevOps Engineer
Sep 2021 - Sep 2022

- Administered Azure DevOps Server for CI/CD, executing blue-green and canary deployments.
- Deployed Docker and Kubernetes on DigitalOcean, automated tasks with Bash and PowerShell scripts, reducing manual errors by 40%.
- Handled AWS Lambda functions, SQL databases, and Windows services for the Egyptian Invoice project using .NET Core 6.0, improving system performance by 15%.

System Administrator
Jul 2019 - Sep 2021

- Provided technical support and optimized workstation and LAN performance, increasing network reliability by 30%.
- Administered VoIP systems and Exchange mail servers, enhancing communication efficiency.
- Deployed and maintained ERP systems, network infrastructure, and camera systems, improving operational efficiency.
- Trained users on system functionalities, resulting in a 25% decrease in user-related issues.

SKILLS

DevOps Tools: Git, Jenkins, Azure DevOps, GitHub, Octopus Deploy, Helm, ArgoCD.

Containers and Orchestration: Docker (Compose, Swarm), Kubernetes.

Scripting Languages: PowerShell, Bash.

Monitoring and Logging: ELK Stack, Zabbix, Prometheus, Loki, Grafana.

Message Broker: RabbitMQ.

Database Administration: MSSQL, PostgreSQL, MySQL, MariaDB, MongoDB.

Cloud Providers: AWS, Azure, GCP, DigitalOcean, Oracle Cloud, Zain Cloud.

PROJECTS

KubernetesOnPremise

- Automated on-premises Kubernetes cluster installation, supporting various versions and essential assets like Flannel, Dashboard, MetalLB, and Metrics Server.

RunSqlScriptProgram

- Developed a .NET MVC 6.0 app for managing MSSQL connection strings and executing MSSQL scripts on selected database instances, enhancing database management efficiency.

TerraformCreateEC2Instance

- Created a Terraform project to automate EC2 instance creation and configuration, streamlining AWS infrastructure deployment and reducing setup time by 50%.

LambdaFunctionNotifiedSNSSubscription

- Developed an AWS Lambda function to monitor CloudWatch logs of another Lambda function and trigger SNS notifications upon activity, enhancing monitoring and alerting capabilities.

Terraform-Azure-PrivateInfra

- This repository contains a Terraform project for provisioning a production-ready Azure infrastructure with App Services, MySQL, Redis, Blob Storage, and an Application Gateway, emphasizing security and scalability through private networking.