Ahmed Mohamed Mabrouk

DevOps Specialist at Vodafone

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+ SUMMERY

◉ A DevOps engineer who has had extensive experience both as a software engineer and as a server infrastructure engineer and thoroughly understands the melding of operations and development towards quickly delivering code to customers. Also adept at scaling IT systems with a special focus on containerization technologies.

+ EDUCATION

◉ 2014 – 2018   **Faculty of Computer and Information Sciences, Ain Shams University – (Expected 2018)**
- Software Engineering department.
- GPA: 3.0   (Very Good)

+ WORK EXPERIENCE

◉ December – Till Now
2021   **Nucamp – DevOps Instructor (Part-time)**
- Sharing my knowledge and motivating others to learn new things and pass my passion to them.
- Teaching DevOps course that contains information about getting started with Docker, Git, GitHub Actions, AWS, Azure, GCP, K8s, and much more.

◉ January – Till Now
2021   **Vodafone-EG – DevOps Specialist Engineer**
- Migrating different Vodafone systems/services to the cloud using docker k8s and OpenShift.
- Implementing full CI/CD cycle to automate testing and release cycle across different applications using Jenkins and git hooks.
- Create and manage ELK clusters that help different systems log their application's business logic and maintain machine learning solutions on Kibana.

◉ January – January
2019 – 2021   **Vodafone-EG – Application Integration Specialist Engineer**
- Using Tibco BW as a development tool to develop Vodafone integration micro-services.
- Handle Vodafone business logic and create a centralized point for the backend and channels to communicate and interact with.
- Migrating Current infrastructure to new areas by moving towards cloud and modernizing the current infrastructure.

◉ January – December
2018 – 2018   **Maxes-EG – Software Engineer**
- Develop multiple websites with different backend languages like Laravel and node.
- Elicitation and document user requirements, solve requirement conflicts and document the SRS
- Participating in several tasks related to the project backend architectures.

+ ACHIEVEMENTS

◉ **Nucamp**
- ◉ Manage to get among the top 3 DevOps instructors with a rate of 4.9 out of 5 from teaching more than 20 students.

◉ **Vodafone**
- ◉ Manage to get Ana Vodafone Application to top 10 downloaded applications in Egypt in 2020.
- ◉ Build integration team new testing environment using automation scripts and tools like ansible.
- ◉ Migrate legacy virtualization services to containerize microservices deployed on OpenShift.
- ◉ introduction GitOps tools like ArgoCD to Vodafone DevOps Stack
- ◉ Develop proper alerts on OpenShift to predict failures.

◉ **Maxes**
- ◉ Develop Amyal web application from the requirement gathering to final delivery to the customer.

+ TOP SKILLS

◉ **Development**
- ◉ Web Development
- ◉ System Analysis and Design architecture
- ◉ Micro-service architecture
- ◉ REST fundamental
- ◉ API architect
- ◉ API automation Testing

◉ **DevOps**
- ◉ GitOps
- ◉ Docker
- ◉ Kubernetes
- ◉ Helm
- ◉ Nexus
- ◉ OpenShift
- ◉ AWS
- ◉ Terraform
- ◉ Ansible
- ◉ Vagrant
- ◉ Istio/linkerd Service mesh
- ◉ Heroku
- ◉ ELK Stack
- ◉ Prometheus and Grafana
- ◉ Dynatrace
- ◉ CI/CD
- ◉ GIT
- ◉ Jenkins
- ◉ ArgoCD
- ◉ Automation
- ◉ Bash Scripting

◉ **Soft Skills**
- ◉ Collaboration
- ◉ leadership
- ◉ Ability to learn new things easily and quickly
- ◉ Diversity and cultural intelligence
- ◉ Communication skills
- ◉ Teamwork

+ COURSES AND CERTIFICATIONS

- ◉ Introduction to Containers, Kubernetes, and Red Hat OpenShift (DO180) (Redhat University)
- ◉ AWS Fundamentals: Going Cloud-Native (Coursera)
- ◉ CKA: Certified Kubernetes Administrator (The Linux Foundation)
- ◉ Docker and Kubernetes: The Big Picture (Pluralsight)
- ◉ Microservices Architecture (Pluralsight)

+ LANGUAGES

- ◉ Arabic
- ◉ English

+ WEBSITES

- ◉ GitHub
- ◉ LinkedIn
- ◉ My Portfolio