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Summary

A Dedicated DevOps Engineer, with 2 years experience in Cloud, DevOps, CI/CD, Infrastructure automation, managing, and releasing code from one environment to other environment.

Experience in setting up CI/CD Pipelines for different environments and in-depth understanding from theory to practical. Proven experience in managing multi-account (AWS) and multi-service-based development environments. Strong exposure to containerization tools such as Docker k8s.

I am highly self-motivated, self-driven, and eager to learn new technologies, strategies, methodologies, and processes, and a team player.

Technical Skills:

DevOps Engineer experienced in comprehensive infrastructure management:

- **Cloud Infrastructure Management with AWS:** Proficient in managing and optimizing cloud infrastructure on Amazon Web Services (AWS)
- **Configuration Management with Ansible:** Implementing efficient configuration management and automation with Ansible.
- **Containerization:** Expertise in Docker for efficient deployment and management of applications.
- **Orchestration:** Proficient in Kubernetes, specifically EKS, for orchestrating and maintaining containerized applications.
- **CI/CD with Drone:** Actively involved in building and extending CI processes using Drone for automated software delivery pipelines.
- **Helm for Kubernetes Package Management:** Utilizing Helm to streamline Kubernetes package management.
- **Monitoring :** Implementing Prometheus/Zabbix for network monitoring to ensure infrastructure health and performance.
- **Logging and Visualization:** Leveraging Prometheus, Grafana, and Loki for comprehensive system monitoring, logging, and visualization.
- **GitOps:** GitOps is a set of practices for managing infrastructure and application configurations to expand upon existing processes and improve the application lifecycle
- **Technologies:** Well-versed in Linux, AWS, Git, Ansible, and additional monitoring tools.
- As a seasoned DevOps professional, I bring expertise in infrastructure automation, container orchestration, advanced CI/CD workflows, and comprehensive monitoring solutions, ensuring a seamless and reliable

Education

Lahore Leads University

2018 to 2022

Certifications:

Udemy

AWS Certified Solutions Architect Associate Licenses & Certifications

Work Experience

DevOps Engineer Venturenex

Nov. 2022 Present (2 years)

Lahore Punjab Pakistan

Role and Responsibilities :

- Build continuous integration and deployment pipelines, to automate maximum number of tasks and reduce toil.
- Improve infrastructure's availability, stability, security and extensibility; and other non-functional requirements.
- Build methods for effective monitoring of the infrastructure to surface problems and reduce notification noise.
- Help improve the developer experience by experimenting with and rolling out new tools for local development as well as early detection of problems.
- Collaborate with Technology Architects and Product Managers to identify requirements for the release process.
- Work with Frontend, Backend and Machine Learning Engineers to streamline their work with the cloud-native way of building software.

❖ **Skills:** Docker . Kubernetes . Helm Charts . AWS Cloud Platform . Git · Linux CI / CD
Network Monitoring(Prometheus/Zabbix) . Ansible . Ambassador Api gateway .
Adminer

Projects:

Levy & TestFuse:

- Managing and overseeing diverse cloud projects at Invention Marks, demonstrating adaptability to varying technical requirements.
- Taking charge of end-to-end cloud responsibilities, including architecture design, deployment, and optimization for multiple projects.
- Implementing robust cloud solutions using platforms such as AWS Cloud to meet project-specific needs.
- Collaborating with cross-functional teams to gather project requirements and aligning cloud architecture with overall business objectives.
- Ensuring the security, scalability, and reliability of cloud infrastructure across all projects.
- Implementing and maintaining CI/CD pipelines, automating deployment processes for improved efficiency.
- Monitoring and optimizing cloud resources to achieve cost-effectiveness while maintaining high performance.
- Troubleshooting and resolving cloud-related issues promptly, minimizing downtime and ensuring seamless project operations.