Salman Qasim

DevOps Engineer | Cloud Solution Architect

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Profiles

Sal Man Qasim
LinkedIn

salmanqasim07
Github

capra0
Dockerhub

Summary

Results-driven DevOps Engineer with one and half year of experience in optimizing software development and IT operations through automation and collaboration. Proficient in designing and managing CI/CD pipelines, implementing infrastructure as code, and leveraging cloud technologies to enhance efficiency and scalability. Adept at monitoring, troubleshooting, and securing complex systems while maintaining a strong commitment to best practices and continuous improvement. As-well-as i have more than 3 years of experience with Kali Linux. I have worked on AWS As-well-as DevOps tools like Git, Docker, Jenkins, Ansible, Terraform, Cloudformation AWS DevOps. Seeking opportunities to contribute my expertise to high-impact projects in a dynamic team environment.

Experience

MindZbase   2023:05:01 - 2023:10:14
DevOps Engineer   Islamaabad
https://www.Mindzbase.com

- Provide technical support and assistance to developers, addressing their problem and needs, ensuring smooth development process.

- Utilize Jira for project management and issue tracking, ensuring efficient collaboration and task management.

- Develop and maintain an automated CI/CD pipeline using Jenkins, GitHub action and Gitlab CI, enabling seamless code deployment and task management.

- Provision infrastructure, server, and service using Terraform, enabling scalable and consistent deployment and management.

- Setup monitoring, tracing and logging tool using Grafana and Prometheus to ensuring comprehensive visibility into system performance and issues.

- Administer GitHub repositories and permissions, including branching and tagging to ensure efficient version control and collaboration.

- Develop and maintain scripts to automate daily task to reduce human efforts.

- Integrate automation testing into the CI/CD pipeline, to ensure the quality and reliability of software release.

Axiom World   2023:10:16 - Present
Devops and Cloud Engineer   Lahore
https://www.axiomworld.com

- Managed AWS assets and integrated multiple AWS resources into solutions appropriate for company projects.

- Deploy, automate, maintain, and manage an AWS production system.

- Conducted troubleshooting and root cause analysis,swiftly identifying and resolving issues to minimize downtime and optimize system performance.

- Mentoring and guiding developers in refactoring and adopting software applications for the Cloud and Docker containers.

- Creating system administration scripts with Bash and Python for automation and eliminating repetitive tasks.

Education

Comsats University   2018-09-03 - 2023-01-20
Islamabad Abbottabad   Bachelors of Software Engineering, Computer Science
campus
https://www.cuiatd.edu.pk/

Projects

CI/CD Pipline for Application Deployment
Congiure 10+ Automated CI/CD Pipline for Django/Nodejs/React web Application using AWS, Docker, Jenkins, GitLab, AWS

Developed and deployed applications using Jenkins Gitlab CI/CD pipeline, Docker and AWS EC2. The project involve configuring a complete CI/CD pipeline for containerization automating testing, building, and deploy the applications. Gained hands-on experience in the DevOps practices.

Deployed Django Web Application Using AWA Cloudformation and Docker

Developed and Deployed Django web application using Cloudformation Template.
Resources Used:

- EC2 Instance
- Security Group
- RDS for Postgress
- Elastic IP
- Auto Scaling Group
- Cloud Watch

Application Deployment
Deployed 20+ CRM Projects
As Devops Engineer I have deployed 20+ projects on cloud.

Implemented version control using GitHub, enabling collaboration and tracking changes throughout the project lifecycle.Established a robust CI/CD pipeline using Jenkins, automating build, test, and deployment processes for rapid and reliable software delivery.Containerized the Odoo using Docker, ensuring seamless deployment across various environments.

Server Management
Managed multiple server for our organization as well as for clients
I've managed servers, handling provisioning, configuration, monitoring, and security. My role ensured server reliability, efficiency, and security, contributing to a stable IT infrastructure.

Serverless Deployment of a Todo Web Application
Developed and deployed a serverless ToDo application using AWS Lambda, AWS Cognito, Api Gateway, NodeJS and RDS, DynamoDB, AWS amplify Codecommit, and AMI.

Skills and Tools

Linux Administrator
configures and maintains Linux operating systems

Amazon Web Services (AWS)
Cloud Computing

CloudFormation + Terraform
Infrastructure as Code

Python
Scripting

Python + Bash + Shell Scripting
For Automation

Git+ Github + GitLab + Codecommit
Source code Management and Version

Docker + Docker Compose
For Containerization

Nginx
For Reverse Proxy

Jenkins + GitLab CI
For CI/CD Pipeline

Ansible
For Configuration Management

Networking

PostgreSQL + MySQL
Database

Grafana + Prometheus
For Monitoring

Interests

Adventure

Cricket

Snooker

Languages

Pashto
Native

Urdu
Native

English
Advanced C1