Faisal Ansari

DevOps Engineer

Designing cloud architecture, automation and security of the project. Experienced in AWS, GCP, Azure, ECS, Kubernetes, EKS, Docker, Linux, Bash, python scripting and ELK.

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WORK EXPERIENCE

Software Engineer - Devops Engineer
Think Future Technologies

10/2020 - Present
Achievements/Tasks

- AWS services administration: EC2, IAM, VPC, RDS, Cloudwatch, SES, Lambda, *Kinesis* Data *Streams, WAF.*
- Setup and Configured highly available and fault tolerant environment on AWS.
- Developing CI/CD roadmap and implementing to the project.
- Securing application from various attacks using Cloud-flare and AWS WAF.

Associate Consultant DevOps
Oodles Technologies Pvt. Ltd.

02/2019 - 10/2020   *Gurugram*
Key Contributes/Responsibilities

- Responsible for creating one-click setup of Dev, QA and Production environment infrastructure on AWS ECS.
- Developed complete automation of micro service application and blockchain server infrastructure using terraform, ansible.
- Involved in debugging application code to find root cause of the problems.
- Responsible for creating APIs in python for use cases like VPN user creation and blockchain syncing status.
- Developing CI/CD roadmap and implementing to the project.
- Experienced in Developing optimized Docker images, docker compose files .
- Installation, Configuration and Management of Block chain Environment like Ethereum, Lite Coin, Bitcoin, Bitcoin Cash and many more.
- Developing DSL Pipelines for build, deployment, maintenance and related tasks using Jenkins, Docker, Maven and Python.

EDUCATION

Bachelor of Engineering
University Institute of Engineering & Technology (UIET), MDU

08/2014 - 07/2018
Courses

- Computer Science and Engineering

12th CBSE
Bohra Public School

04/2013 - 02/2014

SKILLS

Docker · Terraform · Kubernetes · AWS · GCP · Python · Ansible · Linux · ELK · CDN · Prometheus · Grafana · Jenkins · ECS · EKS · Nginx · GIt · Gitlab · AWS Lambda · Bash

PERSONAL PROJECTS

QL Ventures (10/2020 - 03/2021)

- Deployed and configured micro services application on azure kubernetes services for highly available and application security.
- Setup and configured complete build and release process of application using azure devops.
- Configured blue-green deployment using helm charts with azure devops pipeline.
- Created an automated deployment and adding new services solution using python.

The Foodbelly (11/2020 - 04/2021)

- Infrastructure Design on AWS with best practices and cost optimized solutions.
- Deploy and configure micro service application on production and staging environment on aws using ecs(Fargate).
- Setup secured ELK stacks and configured kibana dashboard.
- Created application for sending transactional otp messages to customers using aws sns service.

Paritex Exchange (03/2019 - 02/2020)

- Developed and configure one click setup of prod environment on ecs including blockchain server and jenkins server using terraform and ansible.
- Created end to end deployment pipeline for CI/CD(Rolling Updates) using Jenkins. pipeline integrated with steps for vulnerability testing of docker images and sonarqube scan.
- Created and configure automated solution for application monitoring and mail alert system on application failure.
- Configured self hosted database replication and ensured HA using Master-Slave read replica architecture of MySQL.

NebulaCDN (02/2020 - 05/2020)

- Created own custom CDN solution for private network.
- Created python application for routing and server health check for all server health status.
- Setup ad configure edge server and mid level caching server using nginx.
- Developed and configure controller application server for user request routing.

ACHIEVEMENTS

Star of the Quarter
Awarded as Star of the Quarter in oodles Technologies for the best performance in Devops team.