FAHIM SHAHRIAR

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CAREER OBJECTIVE

DevOps professional with 5+ years of experience in application and cloud infrastructure management leveraging cutting edge IaC, CI/CD and Compliance.

Always Keen to always try new ideas and implement them with production grade performance.

EXPERIENCE

Staff Software Engineer (DevOps) [Augmedix InC] From **June 1st, 2021** To **Present**

- Developed robust infrastructure on AWS and GCP with HA and DR in place.
- Migrated application into Microservice architecture running on AWS EKS ensuring proper routing, security, low latency, cost efficiency.
- Adjusted dynamic workload capacity based on business requirement using Kubernetes Operators and AWS Metrics.
- Developed event driven applications leveraging AWS Serverless Framework (Lambda, Step Functions etc.)
- Adopted IaC to maintain, create and update our AWS & GCP Infrastructure.
- Improved application development and delivery using CI/CD platform using modern and declarative CI/CD frameworks
- Written bash script for automation of stop and deleting untagged AWS resources in R&D Environment.
- Aggregated application logs using agents and fan out them into different channels like ElasticSearch, Cloudwatch etc.

System Engineer [ASL Systems Limited] – From **July 13th, 2018** To **May 31st, 2021**

- Implemented CI/CD pipelines to improve application development and delivery process.
- Maintained Terraform script to deploy Serverless application infrastructure as a part of IaC.
- Design and deploy Serverless application infrastructure for event based services using AWS Lambda, API Gateway and DynamoDB.
- Design and Deployed dockerised LAMP based application on AWS with proper security measures.
- Automated Regular using bash script.

PROFESSIONAL CERTIFICATIONS

- AWS Certified Solutions Architect- Associate **[Credential ID: GLGZRVW10FF1183E]**
- AWS Certified Developer - Associate **[Credential ID: P192E921XFEQ1LSW]**
- Certified Kubernetes Administrator (CKA) **[Credential ID: LF-1wjdg78pkz]**

- Red Hat Certified Engineer (RHEL-7) **[Certification ID: 190-195-891]**
- Red Hat Certified System Administrator (RHEL-7) **[Certification ID: 190-195-891]**
- CCNA Routing & Switching [**Certification ID: 431981942677BTWJ**]

SKILLS

Public Cloud Platform: AWS, GCP

Private Cloud: VMware Esxi

Containerization: Docker

Database: MySQL, DynamoDB, MongoDB, Redis

CI/CD: Jenkins, Argo CD, Github Actions, Gitlab CI

Orchestration: Kubernetes (EKS, GKE)

Scripting: Bash

Web Server: Nginx, Apache

IaC: Terraform

Observability: ELK, AWS Opensearch, Fluentbit, Elastic APM, Datadog, Prometheus, Grafana

Serverless: AWS API Gateway, Lambda, Step functions, Kinesis, SQS

Security: WAF, AWS GuardDuty, Trivy, Salt API Security

ACADEMIC RESEARCH

"Securing the cloud from DDoS attack by IDS in Virtual machine" Based on Cloud Computing Security-AIUB Thesis Group, Spring 2016-17.

ACHIEVEMENTS

- **Best team player of ASL Systems in 2019-2020.**

EDUCATION

- **Bachelor of Science in Computer Science & Software Engineering (B.Sc. in CSSE)**

  Institute   :   American International University-Bangladesh (AIUB)

  Duration   :   2013 - 2017

EXTRA-CURRICULAR ACTIVITIES

- Best player of the tournament in Inter-School Football Tournament (2008).

REFERENCES

MD. Minhazul Haque

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Principle Engineer (Devops)

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