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FARRUKH FIDA

SUMMARY

Experienced DevOps Engineer skilled in automating CI/CD, containerization, and enhancing collaboration between teams for efficient application deployment and monitoring, providing innovative solutions, and always ready to learn new technical skills.

EXPERIENCE SUMMARY

- 3x AWS certified DevOps Engineer and Certified AWS Solution Architect with more than 15 years of experience in IT infrastructure.
- More than 5 years of proven leadership ability and creative problem-solving skills in Cloud Services, DevOps, AWS.
- Delivered highly scalable, resilient and fault tolerant production applications on AWS.
- Deep understanding of technology with focus on delivering business solutions. Proven ability to be a strong professional with the sound knowledge of the new technologies and advanced applications.
- Utilize keen analysis, insights and team approach to drive organizational improvements and implementation of best practices.
- Former CCNP and CCNA certified network professional.

EDUCATION

BS: Computer Engineering | 2002 - 2005

Sir Syed University of Engineering & Technology, Karachi

CERTIFICATIONS



ORGANISATIONS



SKILL HIGHLIGHTS

- AWS architect | DevOps | Cloud Service
- Docker | Kubernetes | ECS Fargate | YAML | JSON
- Bash scripting | AWS CLI | Python | AWS Lambda
- EC2 | S3 | EFS | EBS | ASG | WAF | ELB | ALB | Cloudfront | Redis | RDS MySQL | RDS PostgreSQL | MSSQL | AWS MGN | DynamoDB | MongoDB
- IAM | Route 53 | Lamba | EKS | ECR | SQS | SNS | SES | Cloudwatch logs | CloudWatch Event | EventBridge | AWS System Manager (parameter store, session manager, Run command, Patch Manager, Maintenance window, Automation)
- Linux (CentOS, Ubuntu) | FreePBX | Apache | Nginx Asterisk | Linux Administration | PPTP | OpenVPN
- Windows server | IIS | Active Directory | Hyper V | Exchange server 2010 & 365 | Backups

LANGUAGES

- English** – Fluent
- Urdu** – Native

PROJECTS

Design and create the complete infrastructure as code | August 2023 – Present

Project's Architecture diagram : <https://k8snative.github.io/cloudformation/>

Project's git: <https://github.com/k8snative/cloudformation>

Project URL: <https://website-uat.takafulbazaar.com.pk/> |

<https://website-qa.takafulbazaar.com.pk> | <https://website-dev.takafulbazaar.com.pk> |

<https://dev.takafulbazaar.com.pk> | <https://qa.takafulbazaar.com.pk>-

<https://uat.takafulbazaar.com.pk>

Detail: (Associated with [TakafulBazaar](#))

Bitbucket Repository (as version control), AWS Codepipeline, AWS Codebuild, ECR, ECS cluster, S3, ECS service, S3 as website, CDN cloudfront with multi-origin and path-based routing, Route 53, ALB, target group, IAM role, IAM policies, RDS Postgres, Elasticache Redis cluster, ECS fargate container, WAF, SSM parameter store, AWS secret Manager All of these will be created with single click (for complete details, please visit Project repository).

Design infrastructure & Deploy Live streaming application | December 2022 - Present

Project URL: <https://www.soulynx.com/>

Detail: (Associated with [Cooperative Computing](#))

AWS's EC2, RDS MySQL, Auto scaling group, AMI, Application Load Balancer, Classic Load Balancer, S3 buckets, S3fs, PHP, Nginx, ACM certificates, bitbucket version control, bitbucket pipelines and Ubuntu.

Complete CI/CD pipeline for OCR microservices | December 2022 - Present

Project URL: <https://ocr-uat.ccdevprojects.com/login>

Detail: (Associated with: [Cooperative Computing](#))

Azure DevOPS for CI/CD, bitbucket for version control, Docker, docker-compose, MongoDB, NodeJs, ReactJs, RabbitMQ, Python, YAML, DockerFile, certificates, Ubuntu.

Design & Deploy Docker Containerize Environment | Nov 2021 – January 2022

Associated with Vidizmo LLC

Detail:

Migration of MSSQL database to docker containers and schedule database backup on containers to S3 bucket with lifecycle policy.

Apache Kafka implementation and clustering, Apache Kafka security (SASL_SSL).

Datacentre Migration | January 2015 – March 2015

Associated with Supreme Group

Detail:

Migration was from on premise datacentre to datacentre facility in Copenhagen, Denmark. For this activity did travelled to Denmark and completed the project.

For More Details, View My Portfolio: <https://k8snative.github.io/portfolio/>