

SALMAN SAEED

Software | DevOps Engineer | 3x - AWS Certified

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EXPERIENCE

Receeve GmbH

Hamburg, Germany

Role

Main Responsibility

DevOps Engineer

- Contrived provisioning of Infrastructure as Code with AWS CloudFormation. Creating or Modifying Cloud Resources based on the plans or developments
- Managing the Continuous Deployments (CI/CD) CodePipelines, Building and Release Stages for different AWS Cloud environments i.e. Dev, QA, Stag, Prod
- Setup secured AWS Cloud environment, maintaining IAM user permissions, review user & permission lists monthly for Access Optimisation. Creating monthly reports for ISMS
- Auditing and Logging of used AWS Resources, review Cloud Resources monthly to plan for Cost Saving. Creating monthly reports for Cost Analyses
- Creating and Maintaining Dockerized Container in AWS ECS Fargate. Running Security Patches and Vulnerabilities Tests on Docker Containers

EXPERIENCE

Orbem GmbH

Munich, Bavaria, Germany

Role

Main Responsibility

DevOps Engineer

- Took on the challenge of provisioning of IaC using Terraform resources with modularisation structure along-with GitLab CI/CD Pipelines for infrastructure deployment
- Configured GKE cluster on GCP for different stages. Deployed & maintained different k8s-services using helmfile through secure connection using Pritunl VPN
- Maintaining and solving the On-premises IT infrastructure and deployment issues

EXPERIENCE

Zameen.com

Lahore District, Punjab, Pakistan

Role

Main Responsibility

DevOps Engineer

- Constructed logging and monitoring system using AWS CloudWatch to build dashboards for metrics and logs of servers and applications
- Constructed On-demand CloudFormation stack to deploy ECS services and task-definitions on ECS cluster using Fargate functionality
- Production experience with large scale distributed systems and applications including debugging, failures handling and performance tuning

EXPERIENCE

Northbay Solutions

Lahore District, Punjab, Pakistan

Role

Main Responsibility

DevOps Engineer

- Provisioned and maintained Infrastructure as Code using Terraform modules along with Terraform Cloud and CloudFormation nested stacks
- Improved automated deployment processes with continuous integration as well as delivery or deployment pipelines using CI/CD tooling i.e. Octopus Deploy, GitLab, AWS CodePipeline, CodeBuild, CodeDeploy
- Migrations from on-premises/third party cloud to AWS using lift, shift and shape strategy for application, utility, file and sftp servers using different AWS Services i.e EC2, OpsWorks for Chef Automate, FSx and Transfer for SFTP
- Developed Microservices architecture (Lambda & API-Gateway) using Serverless framework and AWS SAM
- Headed up with the containerization solutions of applications using Docker, Docker-Compose and AWS ECS, ECR services
- Maintain source code repositories and Git workflows using revision control tools i.e Github, BitBucket, Gitlab, AWS CodeCommit
- Monitoring and Logging with Cloudwatch Metrics, Events and Alarms
- Maintain and guarantee high availability and scalable applications using AWS AutoScaling Groups and Load Balancers with DNS host mapping using Route53 HostedZone & RecordSet
- Instituted Bash, PowerShell and Python scripting for automation of processes
- Analyse and solve deployment and infrastructure issues while improving the stability of cloud environments using modernise processes

Project	VECTOR SOLUTIONS															
Role	DevOps Engineer															
Description	This Project is to provide AWS DevOps Architecture and Development Services to migrate an existing RackSpace Production Environment to AWS including Application, File and SFTP Servers along with On-site RackSpace Managed Backup Oracle Server. Also, build warm standby DR-Environment															
Accomplishment	<i>NorthBay accepted to Service Delivery Program for Amazon EC2 for MS Windows Service</i>															
Project	AMWAY															
Role	DevOps Engineer															
Description	This project is to maintain the data pipelines, data sitting on on-premises Oracle. Maintained the Batch Ingestion Pipeline, Streamed Data Pipeline and Curation Pipeline. It also included Data Lake, ETL and Production Support. Provided DevOps assistance and support in this Big Data project															
Accomplishment	<i>This project was listed as a usecase study on the main site by Amazon Web Services</i>															
Project	NORTHBAY LABS															
Role	DevOps Engineer															
Description	This project is to develop a collection of Cloud Formation Custom Resources that will simplify working with AWS resources that are difficult or impossible to work with in CFN templates, as a DevOps Engineer we need a set of custom resources to simplify CFN template development															
Accomplishment	<i>This project was highly appreciated by the Open Source Community</i>															
Kubernetes Experience	<ul style="list-style-type: none"> Developed Kubernetes workloads i.e. Pods, ReplicaSet, Deployments and Services Configured Minikube cluster on local machine, deployed workloads using kubectl CLI. Also deployed workloads on AWS cloud using Elastic Kubernetes Service (EKS) cluster Deployed monolithic clojure application by building microservices for frontend and backend using Kubernetes workloads (deployments, services and secrets) Deployed nodejs and mongodb application by writing docker file, storing image in docker hub and made helm-chart deployment files to deploy application on kubernetes, restricted the pods communication by writing network policies using calico-plugin in minikube 															
AWS Cloud Forensics	<table border="0"> <tr> <td>• S3-Bucket</td> <td>• VPC, Subnets, IGW, NAT</td> <td>• Cognito</td> </tr> <tr> <td>• S3-Bucket Policy</td> <td>• RDS (MySQL, PostgreSQL)</td> <td>• SNS, SES</td> </tr> <tr> <td>• EC2, SecurityGroups</td> <td>• EBS, EFS, DynamoDB</td> <td>• SQS, SSM</td> </tr> <tr> <td>• IAM Roles and Policies</td> <td>• Glue Jobs, Beanstalk</td> <td>• ELB, ALB</td> </tr> <tr> <td>• Cloudfront Distribution</td> <td>• SFTP, FSx, OpsWorks(Chef)</td> <td>• KMS, ACM</td> </tr> </table>	• S3-Bucket	• VPC, Subnets, IGW, NAT	• Cognito	• S3-Bucket Policy	• RDS (MySQL, PostgreSQL)	• SNS, SES	• EC2, SecurityGroups	• EBS, EFS, DynamoDB	• SQS, SSM	• IAM Roles and Policies	• Glue Jobs, Beanstalk	• ELB, ALB	• Cloudfront Distribution	• SFTP, FSx, OpsWorks(Chef)	• KMS, ACM
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Backend Language Proficiency	<ul style="list-style-type: none"> NodeJs - Developed cfn-custom-resources (Lambda Handlers), to write custom logic in cfn-templates. Used Mocha Chai for testing, ESLint for debugging, Istanbul.js/nyc for code coverage, JSDoc for API of code. Build deployment scripts (deploy-stack, delete-stack) Python - Implemented scripts for the automation using AWS SDK Boto3. Also write Lambdas for serverless architecture 															
EDUCATION	<ul style="list-style-type: none"> Software Engineering Punjab University College of IT (PUCIT) , October 2015 - July 2019 CGPA : 3.74 															

ACHIEVEMENTS

