ALLEN LEWIS R

Engineer

✉ allenlewisr@presidio.com

🔗 linkedin.com/in/allen-lewis-96264926b

📍 IndiQube Alpine, Level 7 & 8, Ekkatuthangal, Guindy,Chennai 600032

EXECUTIVE SUMMARY

I am an AWS certified associate solutions architect. I have worked in many AWS services. I have also worked in IaC tools like terraform and pulumi. I also have experience in CI/CD tools like Jenkins, Bitbucket and Gitlab pipelines.

CERTIFICATION

- AWS Certified Solutions Architect - Associate
- CKA: Certified Kubernetes Administrator

AREAS OF EXPERTISE

- AWS API Gateway
- AWS Elastic Container Service
- AWS Step Functions
- AWS SES
- AWS Elastic Block Store
- AWS RDS
- AWS Athena
- AWS Application Auto Scaling
- AWS Aurora
- AWS Backup
- AWS Backup Storage
- AWS Certificate Manager
- AWS CloudFront
- AWS CloudShell
- AWS CloudWatch
- AWS CloudWatch Logs
- AWS Cognito
- AWS Cognito Identity
- AWS Cognito Sync
- AWS Cognito User Pools
- AWS Compute Optimizer
- AWS Control Tower
- AWS Cost and Usage Report
- AWS Database Migration Service
- AWS DataSync
- AWS DynamoDB
- AWS DynamoDB Accelerator (DAX)
- AWS Elastic Container Registry
- AWS Elastic File System
- AWS Elastic File System (EFS)
- AWS EventBridge
- AWS FSx
- AWS Global Accelerator
- AWS GuardDuty
- AWS IAM
- AWS IAM Access Analyzer
- AWS Key Management Service
- AWS Key Management Service (KMS)
- AWS KMS
- AWS Lightsail
- AWS Macie
- AWS Migration Hub
- AWS MQ
- AWS Neptune
- AWS Route53
- AWS S3
- AWS Savings Plans
- AWS Shield
- AWS VPC
- AWS Transit Gateway
- AWS ECS/EKS (EC2/Fargate)
- AWS EFS
- AWS DRS
- AWS MGN

SKILLS OVERVIEW

- Cloud: AWS
- SCM: Bitbucket, Gitlab, GitHub
- Image repository: Docker Hub, ECR
- Web Servers: Apache , Nginx, Apache server
- Scripting: shell scripting
- CI/CD tools: Jenkins, Bitbucket pipeline
- Container orchestration: Kubernetes, ECS, EKS

- Databases – MySQL, Postgres, MongoDB

RELEVANT EXPERIENCE

Mar 2024 Onwards
Cloud Engineer
Banking

Migrate on-prem nomad applications to AWS

- Worked on the development of multi-tenant migration tool.

- Worked on the decommissioning workflow for single-tenant and multi-tenant migrations.

- Developed a python module for Vault and Consul APIs.

- Developed a module to convert JSON files to nomad HCL files.

Jan 2024 to Jan 2024
DevOps Engineer
Healthcare

Windows Runner

- Set up windows runner for bitbucket

- Installed and configured visual studio and I nstallShield tool

- Wrote a bitbucket pipeline to build the visual studio project, pack it using InstallShield and deploy the resulting application in S3

Oct 2023 to Nov 2023
DevOps Engineer
Web Application

3 Tier Application Development

- Wrote a terraform module to deploy a 3-tier application

- Wrote a Jenkinsfile to automate deployment

- Deployed an EKS cluster and configured it to efficiently orchestrate the containers.

- Deployed KubeVirt to run VMs alongside containers