PRIYADHARSINI M V

Engineer

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EXECUTIVE SUMMARY

I am an enthusiastic migration engineer who has worked on major migration and devops tools in AWS. Worked on Infrastructure as Code tools such as Terraform and Cloudformation. Worked on CI/CD tools like CodePipeline, Gitlab, Azure Devops and Github actions. Worked on full stack web development using Angular, Springboot.

CERTIFICATION

- HashiCorp Certified: Terraform Associate
- AWS Certified Solutions Architect Associate
- Microsoft Certified Azure Administrator Associate

AREAS OF EXPERTISE

- MySQL
- Java
- Java SE
- Angular
- Android Studio
- AWS Lex
- AWS DMS
- AWS SES
- AWS Step Functions
- Azure Blob Storage
- HashiCorp Terraform
- AWS Elastic Disaster Recovery
- AWS Elastic Container Registry
- AWS Organizations
- AWS Application Migration Service
- AWS CloudWatch Logs
- AWS CloudWatch
- AWS Chatbot
- AWS EventBridge
- Azure Virtual Machines
- Azure Active Directory (AAD)
- AWS IAM
- AWS CloudTrail
- AWS Trusted Advisor
- AWS DynamoDB
- AWS EC2
- AWS Lambda
- Jenkins
- AWS Migration Hub
- AWS Database Migration Service
- AWS Application Discovery Service
- AWS Control Tower
- AWS MGN
- AWS DRS
- AWS RDS
- AWS DynamoDB
- AWS S3
- AWS Transit Gateway
- Gitlab
- Github
- AWS CodeCommit
- AWS CodeBuild
- AWS CodePipeline
- AWS CloudFormation
- Docker
- Azure Vnet

SKILLS OVERVIEW

- Cloud technologies: AWS, Azure
- Infrastructure management: Terraform, cloudformation
- CI/CD: CodePipeline, Jenkins, Gitlab, GitHub Actions
- Containerization: Docker, Nomad
- Full Stack web development: Angular, Springboot
- Programming: C++, Java, Python

RELEVANT EXPERIENCE

Oct 2023 Onwards
DevOps Engineer
Banking Sector

Automate Migration of Onprem Applications to AWS

- Worked on the deployment of DC Nomad jobs to AWS
- Worked on the CSV Parser for Single-Tenant, Multi-Tenant and FullStack Migration which acts as a trigger point for the migration process
- Worked on the lambdas and stepfunctions to automate the migration of Multi-tenant applications
- Worked on a POC to send out notifications in Teams during the migration process using AWS Chatbot
- Worked on the Migration Preparation Workflow for Prod Full Satck Migration

Jul 2023 to Oct 2023
DevOps Engineer
Real Estate Investment Trust Company

Replicate network infrastructure in CentralUS

- Worked on mirroring the network resources in East US region to Central US region using Terraform in Azure
- Recommended automating the infrastructure deployment to the client and worked on the setup of the pipeline

Apr 2023 to Jul 2023
DevSecOps Engineer
Internal

Implementation of DevSecOps tools in pipeline

- Worked on creating a generic csv file for skipping issues while performing IaC Vulnerability scanning using checkov
- Explored Wiz
- Worked on python scripts to automate csv file generation
- Working on integrating checkov with GitHub Actions
- Working on integrating checkov with Azure DevOps
- Completed documentation for integrating checkov with GitHub Actions and Azure DevOps

May 2023 to Jun 2023
Associate Engineer - Cloud Migration
Internal

Implementation of Azure Governance in Sandbox

- Worked on cost analysis and generated report for Azure sandbox governance implementation

Apr 2023 to May 2023
Associate Engineer - Cloud Migration
Internal

Generalization of cloudformation templates

- Worked on generalising templates for network setup including vpc, subnets, internet gateway, NAT gateway, route tables and transit gateway

Nov 2022 to Apr 2023
Shadow
Electronics manufacturing

Landing Zone setup

- Deployment of infrastructure in AWS using Terraform
- Working on AWS resources like VPC, Transit Gateway, Network Firewall, EC2, S3, CloudWatch, Security Hub and CloudTrail.
- CIS Level-1 Implementation using Security Hub
- Documentation for Network deployment, Security Hub implementation, VPC flow logs centralization, Checkov Iac Vulnerability scanning and IAM Policies

- Prepared a presentation on "Iac Vulnerability Scanning Report" for Plexus which showcases the issues and how the remediation was done