YAMUNA V

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Profile

Total experience: 3 Years 4 months   **DXC experience:** 0 years 3 months

Current Job Title: Professional 1 Emerging Practices   **Time in Current Role:** 0 years 3 months

Profile presentation

Currently working as Professional 1 Emerging Practices in DXC with more than 3 years of total experience in IT industry as Automation, DevOps and Cloud Engineer with major focus on Infrastructure Automation, Cloud Resource Utilization and Optimization.

Skills

Top Skills

- Azure Cloud (2+ years)
- AWS Cloud (1+ years)
- Azure DevOps (1+ years)
- Terraform, ARM Templates, CloudFormation Template (1+ years)

Skills

- **Automation Tools:** Terraform
- **Virtualization Infrastructure:** VMWare.
- **Cloud:** Azure, AWS
- **Operating Systems:** Windows Server
- **CI/CD Tools:** Azure DevOps
- **Scripting:** PowerShell
- **Version Control:** GitHub

Key Roles Performed

- DevOps Engineer: 1 year
- Cloud Automation Engineer: 3 years

Certifications and Trainings

- Microsoft Azure Administrator
- AWS Certified Solutions Architect -Associate

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Professional Work Experience

- ➢ Worked on Both Public cloud Azure, AWS and Private cloud VMware.
- ➢ Good Knowledge in Azure Services like VM, AKS, ACS, Azure Storage, VNet, Azure Web Apps, Azure Functions, Azure Runbook, Update managers, Database services, Key vault, App certificates etc.,
- ➢ Good Knowledge in AWS Services like VPC, EC2, S3, Cloud Watch, Cloud trail, EBS, ELB, Lambda, System Manager, RDS, Secret Manager, ACM etc.,
- ➢ Created PowerShell script to automate certain tasks in Windows Environment.
- ➢ Have used multiple DB services like MySQL to set up the Automation solution.
- ➢ Created Multiple Terraform modules to automate the infrastructure provisioning across Azure, AWS cloud environment.
- ➢ Created multiple ARM templates to automate the azure infrastructure provisioning tasks.
- ➢ Used Azure DevOps for CICD pipeline and integrated with Git repositories to create the CICD Pipeline
- ➢ Provided serverless architecture solution WebApp services.
- ➢ Worked with Automatic scheduled email services, which notify the clients when their requested provisioning is completed
- ➢ Used Governance tool like Parkmycloud to Govern and use the same to reduce the operating cost of Azure, AWS cloud environment.
- ➢ Worked on Migration Solution from On-premises to Azure.
- ➢ Created PowerShell scripts and integrated with Azure Runbook and scheduled to automate task like, Power on Power off Azure VMs, and generate monthly inventory reports and billing reports.

Project experience

Project Name	: SGS
Role	: Cloud Infra Automation Engineer
Environment	: Azure, AWS
Duration	: Dec 2018 To Jan 2022.
Tools Used:	: Azure DevOps, Terraform

- ➢ **Description**: SGS is a Swiss multinational company headquartered in Geneva, Switzerland which provides inspection, verification, testing and certification services. The core services offered by SGS include the inspection and verification of the quantity, weight and quality of traded goods, the testing of product quality and performance against various health, safety and regulatory standards, and to make sure that products, systems or services meet the requirements of standards set by governments, standardization bodies or by SGS customers.

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Roles and Responsibilities

- Automating the Domain Migration using PowerShell Script and Update manager in multiple Azure regions and Subscriptions.
- Using Park My Cloud application to monitor and resize the Virtual machines across multiple Azure Subscriptions and AWS accounts to reduce provisioning and managing costs.
- Creating terraform modules to integrate Azure monitoring for all failed backup jobs and setting up Notification Hub for notification.
- Manage, configuration and support issues with Azure Cloud and services like Virtual Machine Scale Set, Load balancer, Azure Monitoring, Backup, Update manager etc.,
- Manage, configuration and support issues with AWS Cloud and services like VPC, EC2, S3, Cloud Watch, Cloud trail, EBS, ELB, Lambda, System Manager, RDS, Secret Manager, ACM etc.,
- Creating multiple snapshots and restoring using Azure PowerShell.
- Created AWS CLI Scripts to automate AWS Report generation task.
- Using Azure DevOps Repos to store the Terraform codes.
- Created multiple PowerShell scripts to automate Windows machine.
- Troubleshoots Port issues in both Azure portal (security Groups) and Inside Virtual machine firewall and routing tables.
- Created ARM template for Bulk WebApp provision which will provision Recourse group, ASP, VNet and WebApp and it will also configure Web App and enable auto scaling and cert installation from Key Vault with DNS registration.
- Performed pushing, pulling and merging to GitHub Enterprise (as version control tool) and Jira (as reporting tool) to track the issue and errors for Agility.
- Involved in Scrum meetings, Product Backlog and other scrum activities and used ticketing tool like Jira and Service now.

Education

Anna University   **India**
B.E (CSE)

Languages

Tamil - Native language
English – Proficient (Oral and Written)