VINITHAKUMARI G N

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Achievement-driven professional targeting assignments as a **AWS / Azure Cloud DevOps Engineer** with an organization of repute

PROFILE SUMMARY

➢ Offering 12+ years of experience in Cloud DevOps, System Engineering and Software Development in IT domain including 9 months of **onsite** working experience in **Melbourne, Australia**

➢ Leading operations related to system administration/Cloud DevOps by measuring, managing, analyzing, tuning & implementing necessary changes in resource utilization as per business priorities.

➢ Proficient in Deployment of **Azure Subscription/AWS Account, VM build** using **Azure DevOps Pipeline**, **Terraform and PowerShell**

➢ Responsible for managing, supporting, implementing Virtual Infrastructure for Azure Cloud Services, Backup and restore Azure services, Storage Account, File Share, Load Balancer, Application Gateway

➢ Experience in **AWS Cloud platform** and its features which includes EC2, IAM, Lambda, Cloud Trail, CloudWatch, CloudFront, ALB, Route53, VPC, Auto Scaling, Cloud Formation, Elastic Search, ECR, Security Groups and S3 Operations

➢ Experience with SCM tools like **Git/GitHub** for branching, tagging and version management.

➢ Performed **AWS & Azure POCs for Migration projects** to create Infrastructure on AWS and Azure cloud using **Azure Migrate tool** for some of the applications and **NAS Migration** using **Atempo Miria**

➢ Leading **in-place upgrade** from Windows 2012 & 2016 to Windows 2022 in Azure infrastructure

➢ Efficient organizer, motivator, team player and a decisive leader with the capability to motivate teams to excel and win.

ORGANISATIONAL EXPERIENCE

➢ **Accenture Solutions Pvt Ltd, Bangalore** as **Cloud Supp & Eng Specialist** from Feb 2019 to Till date

➢ **Tech Mahindra Limited**, **Pune** as **Sr. System Engineer** from Dec 2013 to Jan 2019.

➢ **SBN Technologics Pvt Ltd, Cochin**, **Kerala** as **Software Developer** from Jan 2011 to Dec 2013

Achievements:

Awarded **Bravo award, ACE Award** and **Client Champion award** multiple times for outstanding work on multiple roles as per project requirement.

TECHNICAL SKILLS

• Operating Systems	:	Unix, Linux, Windows
• Cloud Technologies	:	AWS, Azure
• Logging & Monitoring Tools	:	CloudWatch, Patrol, Netcool, Nagios, MyWizard
• Version Control Tools	:	GIT
• Automation and Infrastructure Tools	:	CloudFormation, Terraform, Control Tower
• Ticketing Tools	:	Service Now, Innotas, BMC Remedy
• Programming/Scripting	:	Python, Centura 1.5, Team Developer 6.0

P R O J E C T S

Project #1

Name	:	CloudOps
Role	**:**	AWS/Azure Cloud Admin
Duration	**:**	Feb 2019 to Till Date
Tools	**:**	AWS, Azure, Git, Terraform, PowerShell

Project Description

Cloud Operations (CloudOps) is the management, delivery and consumption of software in a computing environment where there is limited visibility into an app's underlying infrastructure.

Roles & Responsibilities

➢ Providing 24/7 support as Cloud administrator on Azure managing day to day activities of Azure Cloud Infrastructure

➢ Created and managed Azure Subscription/AWS Landing Zone in the cloud using Azure DevOps pipeline and Terraform and providing access to their AD groups.

➢ Creating SPN's, Key vaults for app registration and providing access.

➢ Configuring VMs into Log analytics workspace

➢ Creating Backup vault and configuring backup policy for Azure VM

➢ Created automated solution using Windows PowerShell to Tag azure resources, Decommission of VM and unused disks, Patching VM, Snapshot creation of VM and Weekend shutdown of VM of multiple Azure Subscription

➢ Creation of load balancers, application gateway, storage account, file shares and mounting on servers and decommissioning of storage accounts, subscriptions according to the requirement.

➢ Setup full CI/CD pipelines so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to the production.

➢ Co-coordinating with different teams (Linux/Windows Team, Network Team, Firewall Team, IDC, Core-platform team, Application Team, software development teams and QA teams) for trouble shooting.

Windows Administration:

➢ Daily troubleshooting and administration activities in troubleshooting of Azure and Windows Servers.

➢ Adding new disks to instances extended the logical volumes online.

➢ Performing patching activities on Windows servers through update management.

➢ Lead the remediation of critical vulnerabilities in coordination with application teams.

➢ Installation and troubleshooting of VM agent, Splunk Forwarder and defender agents on Windows machines.

➢ Monitoring Servers through Azure Monitor and MyWizard can encompass a check of system metrics such as CPU usage, Memory Usage, Network Performance and Disk space.

➢ Disk space management: House Keeping, Moving / clearing logs, Notification for purging old data

➢ Troubleshooting and fixing Domain join, DNS, Trust relationship issues.

Project #2

Name	:	Server Build & QAT
Role	:	AWS Admin
Duration	:	Oct 2016 to Jan 2019
Tools	:	AWS, Linux, Windows

Project Description

Server Build & QAT project is Core support to to AWS infrastructure environment including Windows and Linux hosting based 24/7 support environments.

Roles & Responsibilities

➢ Performing various AWS Operations i.e. AWS Environment creating and managing EC2, RDS, IAM, Lambda, Cloud Trail, CloudWatch, CloudFront, ALB, Route53, VPC, VPC Peering,Auto scaling, Cloud Formation, Security Groups and S3 Operations

➢ Handle all the AWS severity 1 and 2 faults (including outages) and provide a root cause analysis to improve the overall efficiency and uptime of the system.

➢ Working on secure cloud services platform, offering computing power, database storage, content delivery and other functionality to help businesses scale and grow.

➢ Monitoring performance and availability of the infrastructure on the AWS platform

➢ Creation of new EBS Volumes, Increasing the size of existing EBS volumes and extending om server level.

➢ Creating and managing the AMI and Volume Snapshots and Monitoring server Backup status

➢ Configuring S3 Buckets according to the user requirement and providing requested access permissions to development teams.

➢ User management through IAM. Creating IAM roles and integrating with other services

➢ Monitoring infrastructure through Cloud Watch and Cloud Watch alarm for instance metrics.

➢ Creating SNS topics and configuring subscription for alert notifications

➢ Performing functional, non-functional and performance testing of key systems prior to cutover to AWS Environment moved Production.

➢ Provided guidance, feedback, Knowledge Transfer and developmental experiences to other peers, new associates in the team to encourage teamwork and always tried to maintain a positive work.

Project #3

Name	:	EMOC
Role	:	Linux/Windows System Admin
Duration	:	Feb 2015 to Sep 2016
Tools	:	Linux, Windows

Project Description

The Event Management (EM) organization (EMOC)is a member of the ITO Application and Service Management (ASM) organization. The Event Management organization provides 24x7 services and operates as a cost effective, highly responsive first-line of defense and response for ITO infrastructure components.

Roles & Responsibilities

- ➢ Providing 24/7 support in maintaining application and system availability to acceptable service levels.
- ➢ Testing of Active Directory installation and configuration
- ➢ Working in Monitoring & management tools as ILA configurations, visualizer working, Bladelogic (autologin, nsh here), netcool (AOTS ticket generation, DB test alert check) as well.
- ➢ Maintaining servers & systems by managing product & capability roadmaps, establishing maintenance procedures, and working with Systems Administrators & Other Engineers to perform regular network maintenance.

Project #4

Name	:	CV Wizard & SHIP//MATE
Role	:	Software Developer
Duration	:	Feb 2011 to Dec 2013
Tools	:	Centura 1.5, Team Developer 6.0, Sql Base

Project Description

CV Wizard is an application to create custom made CVs and Reports for end users from the database. Template for CV and reports created will be filled with this tool from the database upon doing export.

SHIP//MATE is a comprehensive crew management software (CMS) that addresses the basic needs of ship owners, manning companies and ship managers alike.

Roles & Responsibilities

Analysis, Design, Development and Testing in projects using Centura 6.0 and SQLBase.

ACADEMIC DETAILS

2010 : MCA (Computer Applications) from Bharathiar University, Coimbatore, Tamil Nadu

2004 : BCA (Computer Applications) from Mahatma Gandhi University, Kottayam, Kerala

CERTIFICATIONS

AWS-Certified Solutions Architect-Associate: Validation Number   : **R5D068VKLFBQQ951**

Microsoft Certified Azure Fundamentals: Certification Number : **H533-9195**

Microsoft Certified Azure Administrator Associate: Certification Number : **H718-3029**

Microsoft Certified Azure Developer Associate: Certification Number : **I384-6298**

Microsoft Certified: Azure Solutions Architect Expert: Certification Number : **I477-5771**

Microsoft Certified: Azure Security Engineer Associate: Certification Number : **I813-3569**

PERSONAL DETAILS

Pancard   **: AIYPV3694H**

Passport   **: U8036023**   **Exp :**27/12/2030

Languages Known   : English, Hindi , Tamil, Malayalam

Present Address   : B-109, Vaishno Lotus, Chikkanayakanahalli, Sarjapur Main Road, Bangalore -560035