

Name: Lokesh Balraj

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Career Objective

To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skill.

PROFESSIONAL SUMMARY

- A Cloud enthusiastic team player having around 6+ years of Experience in IT industry and 2.5 years of Experience as a DevOps Engineer with proven expertise in Automation, Build/Release Engineering and Software development involving cloud computing platforms like **Google Cloud (GCP) and Azure**.
- **Migration and modernization of applications** from on-prem data center to the cloud including rehost, re-platform, refactor and re-architecting to Platform cloud architecture.
- Experience in designing a **Terraform** and deploying it in Azure pipelines to spin up resources like cloud virtual networks, Compute Engines in public and private subnets, Kubernetes cluster, Storage services, database servers in both **Azure Cloud** and **Google Cloud Platform**.
- Experience in Designing, Architecting and implementing scalable cloud-based web applications using **Virtual machine scaled sets, AKS, Storage account, Blob containers, Service Bus, App Functions, App Services** in Azure.
- Experience in providing highly available and fault tolerant applications utilizing orchestration technologies like **GKE, Instance groups, Cloud Storage, Cloud SQL, Cloud Pub/Sub, Cloud Spanner** on Google Cloud Platform.
- Expertise in creating Kubernetes cluster with cloud formation templates and deploy them in Azure environment and monitoring the health of pods using Helm Charts.
- Expertise in setting up **Kubernetes** (k8s) clusters for running microservices and pushed microservices into production with Kubernetes backed Infrastructure. Development of automation of Kubernetes clusters via playbooks in Ansible

TECHNOLOGY & TOOLS

- **Cloud Environment:** Azure, GCP
- **Containerization Tools:** Docker, Kubernetes.
- **Monitoring Tools:** Prometheus/Grafana, Azure Monitor, Stack Driver, ELK
- **Infrastructure as code:** Terraform, ARM Templates
- **Automation & Configuration Tools:** Ansible, Azure Devops.

Technical Certifications

- AZ - 104 – Azure Administrator

Professional Experience:

COMPANY: INSPIRISYS SOLUTION LIMITED
DESIGNATION: Cloud DevOps & Network Engineer
WORKING DURATION: JULY 2021 TO TILL NOW

- Setting up landing zones (network, VMs, kubernetes, storage, database) for projects in both **Azure cloud and GCP** using **Terraform**
- Setting up CI/CD pipeline using **Azure DevOps** for the microservices architecture by building then as docker images using the **Dockerfile** instructions, pushing the images in azure container registry and deploying in the Kubernetes cluster (on-prem, GKE, AKS)
- Experience in Designing, Architecting and implementing scalable cloud-based web applications using Virtual machine scaled sets, AKS, Storage account, Blob containers, Service Bus, App Functions, App Services in **Azure**.
- Experience in providing highly available and fault tolerant applications utilizing orchestration technologies like GKE, Instance groups, Cloud Storage, Cloud SQL, Cloud Pub/Sub, Cloud Spanner **on Google Cloud Platform**.
- **Migration and modernization** of applications from the on-prem datacenter to Azure cloud. Following the 6Rs (Rehost, Refactor, Re-platform, Rearchitect, Retire and Re-purchase) approach for migration.
- Created and deployed **Kubernetes** pod definitions, tags, labels, multi-pod container replication. Managed multiple Kubernetes pod containers scaling, and auto-scaling.
- Configuring with different artifacts to make an image and deploy Docker image to install the application on an instance, maintain and troubleshoot for any user issues or network problems
- Responsible for **SRE** work managing the applications deployed as Pods in Kubernetes ensuring the applications are performing to the SLAs using various monitoring tools like **Prometheus/Grafana**, ELK stack. Written scripts in Python for application data/metrics monitoring for data
- Using JIRA, Azure boards for tickets management, backlog grooming and feature progress management.
- Good understanding of the principles and best practices of software configuration management (SCM) in **agile**, scrum methodologies.

COMPANY: TVS SUPPLY SOLUTION PVT LTD
DESIGNATION: Cloud Engineer
WORKING DURATION: AUG 2020 to MAR 2021

Responsibilities:

- Configured azure VNet Peering between environments.
- Established site-to-site VPN connectivity between On-premises to azure data center.
- Configured high availability for IaaS VMs for access from other services in the VNet with Azure Internal Load Balancer.
- Implemented high availability with Azure Resource Manager deployment models.
- Designed and configured Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.

- Designed and configured User Defined Routes with custom route tables for specific cases to force tunneling to the Internet via on premise network and control use of virtual appliances in the customer's Azure environment.
- Configured VMs in availability sets using Azure portal to provide resiliency for IaaS based.

COMPANY: CHERRINET (SUN GROUP OF COMPANY)

DESIGNATION: TECHNICAL SUPPORT EXECUTIVE

WORKING DURATION: OCT 2016 TO AUG 2020

Responsibilities:

- Address user tickets regarding hardware, software and networking
- Walk customers through installing applications and computer peripherals
- Ask targeted questions to diagnose problems
- Guide users with simple, step-by-step instructions
- Conduct remote troubleshooting
- Test alternative pathways until you resolve an issue
- Customize desktop applications to meet user needs
- Record technical issues and solutions in logs
- Direct unresolved issues to the next level of support personnel
- Follow up with clients to ensure their systems are functional
- Report customer feedback and potential product requests
- Providing technical support and assistance to end users about various ISP related network issues

Additional Skills

- Network Hardware: Inside Wiring, Cat5e cables, Wireless Devices
- Network Technologies: Cisco Routers, Switches, Ethernet, Fast Ethernet, WAN, LAN, TCP/IP, Access Control List (ACL), Network Address Translation (NAT), Port Address Translation.

Education

- Electrical and Electronics Engineer From T.J.S Engineering college(2012-2016) secured 6.3 CGPA
- HSC FROM "Mont ford Matric HSS" with 75% in 2012.
- SSLC from "St. Mary's Matric HSS" with 78% in 2010.

Languages known:

- Tamil and English