MOHAN GEORGE
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Results-driven Cloud Operations and Automation Architect with extensive experience in designing and implementing enterprise-scale solutions. Demonstrated success in leading cross-functional teams, optimizing system performance, and delivering complex projects within budget constraints. Combines deep technical expertise with strong leadership abilities to transform business requirements into scalable architectures. Proven track record in leveraging cloud technologies and automation frameworks to enhance operational efficiency, reduce costs, and drive digital transformation initiatives. Skilled in fostering collaboration across teams while maintaining focus on strategic business objectives and technological innovation.

Certifications:

- Terraform Associate Certified (003)
- Terraform Associate Certified (002)
- Cisco Certified Routing and Switching (CCNA)

Core Competencies:

- Solution Architecture & Cloud Design
- Infrastructure Automation & DevOps
- Cloud Operations & Platform Engineering
- Infrastructure as Code (Terraform)
- Container Orchestration (Kubernetes, Docker)
- Configuration Management (Ansible, PowerShell DSC)
- CI/CD (Jenkins, GitHub Actions, GitLab CI, Argo CD)
- Cloud Platforms (AWS, Azure)
- DevOps & Agile Methodologies
- Scripting Languages (Python, Shell/Bash, PowerShell)
- Version Control Systems (GitHub, GitLab, Bitbucket)

Professional Experience:

Bottomline Technologies

Senior Cloud Operations (July 2022 – Present)

- Architected and optimized AWS infrastructure using Terraform for scalable, resilient, and cost-effective cloud deployments.
- Designed and implemented Infrastructure as Code (IaC) solutions for repeatability and efficiency.
- Led cross-functional collaboration with development, security, and operations teams to align cloud strategies with business goals.

- Extensive experience with Docker, Kubernetes (K8s), GitLab, GitHub, and Jenkins for seamless CI/CD workflows, reducing deployment time and operational overhead.
- Spearheaded Kubernetes adoption and governance using tools such as Kuberhealthy, Robusta, Vertical Pod Autoscaler, Kube Cost, Goldilocks, Trivy and Pluto.
- Developed Terraform scripts for AWS cloud and Nutanix on-premises environments, ensuring automated, scalable, and reliable infrastructure provisioning.
- Created standardized Packer images for Linux and Windows, streamlining virtual machine deployments across diverse environments.
- Led the implementation of GitLab CI/CD pipelines to improve software release efficiency and operational agility.

Airbus Defense and Space
Cloud Solutions Architect & Automation Architect (Mar 2019 – June 2022)

- Designed enterprise-scale cloud solutions, driving digital transformation through automation and cloud-native technologies.
- Acted as a key advisor, translating business requirements into actionable cloud strategies.
- Led multiple large-scale cloud migration projects with minimal downtime and optimized cost efficiency.
- Developed AWS infrastructure blueprints using Terraform, ensuring scalable, secure, and reusable infrastructure patterns.
- Migrated end-to-end applications to AWS, optimizing for high availability and fault tolerance.
- Automated infrastructure provisioning using Kubernetes, Docker, Terraform, DSC, and Bash scripting to reduce manual effort.
- Implemented proactive monitoring and alerting systems for rapid incident response.

Utility Warehouse, Colindale, UK
Senior Infrastructure and Cloud Engineer (Apr 2015 – Feb 2019)

- Led strategy, planning, disaster recovery, acquisition, and deployment of cloud and in-house infrastructure.
- Collaborated with the Director of Business Transformation to define business requirements and resolve system issues.
- Migrated on-premises applications to AWS using Infrastructure as Code (IaC) and automated AWS and VMware platforms using Terraform.
- Designed and deployed Azure AD (Hybrid Solution) and migrated on-premises Exchange to G-Suite.
- Developed and implemented backup strategies (DevOps strategy) using SCCM 2012, OpenDNS, Cylance, and Backupify.
- Led projects, implemented multi-site Domain Controllers, and designed Business-Critical Systems for Site-to-Site Replication.

Vtesse Networks Ltd (Datacentre), Hertford, UK
Infrastructure Administrator (Oct 2013 – Mar 2015)

- Responsible for maintaining the IT infrastructure of the organization, including managing different internal projects and successfully deploying and managing multi-site clustered servers (Exchange 2013).

- Adept at deploying and managing ESXI Servers (5.0, 5.1, 5.5) and Windows Servers (Windows 2003, Windows 2008 R2, Windows 2012), as well as VCenter Servers for managing virtual machines and clustered Exchange 2013.
- Experience in installing, configuring, and managing SANs and executing the documentation and change control process.
- Responsible for installing new and renewing existing SSL Certificates, and managing Network Operations Center servers, clustered Juniper firewalls, and Juniper Switches.
- Adept at managing ADS, DHCP, DNS (Internal and External), File Servers, and BES Servers, as well as clustered DNS boxes.
- Skilled in configuring and maintaining different types of backups (Veeam, Backup exec, Arc serve, and Onsite Backups) and configuring and maintaining Exchange servers, SQL servers (2005, 2008, 2012), SCCM (2012), File servers, MacAfee Encryption Systems, helpdesk Server, Centralized management of Antivirus (Windows Endpoint Protection), Email Spam filtering (Postini), Wi-Fi office and Guest, Group Policy Management etc.
- Continuously evaluate and suggest improvements to management to ensure the efficient and effective operation of the IT infrastructure.

Previous Roles (2001 - 2013)

- Held various roles in IT infrastructure and system administration at companies including CaxtonFx, Global Call Centre, Telehealth Solutions, EZ-Systems, Durable Systems, Winchester and East Leigh NHS Trust, SBE Global Electronic Service, Zurich Insurance, and Spectrum Soft Tech Solutions.
- Experience in managing IT infrastructure, system migrations, and automation.

Education

Masters:

- Computer Systems Engineering
- Business Administration

Bachelors:

- Bachelor of Commerce
- Bachelor of Computer Science

References

Available upon request.