

Syed Mohammed Zulfiqar Y

CLOUD ENGINEER

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A Bangalore

Cloud Engineer with over three years of hands-on experience in designing, migrating, and managing cloud infrastructures on Azure and AWS platforms. Specializes in delivering secure, efficient, and scalable solutions tailored to business needs. Proven expertise in streamlining cloud migrations, optimizing performance, and enhancing security measures. Successfully led projects across multiple regions and demonstrated a strong commitment to achieving project goals within deadlines.

Expertise that derives my result

- **Cloud Platforms:** Azure, AWS, Hybrid Infrastructure.
- **Cloud Services:** Route 53 & Azure DNS, CDN, Front Door, V-net & VPC, Azure Storage & S3, Load Balancer, WAF, VPN, Firewall, Backup & DR, AVD.
- **Tools & Frameworks:** Terraform, CloudFormation Templates (CFT), ARM Templates, Azure Migrate, MGN, ASR & EDR, Kubernetes, Open Telemetry, Helm.
- **Automation:** CodePipeline, CodeBuild, CodeDeploy.
- **Other Expertise:** Active Directory, ADFS, Project Management, Monitoring & Troubleshooting.

@ Trianz, Bangalore May 2024 –Present, Senior Software Engineer

- Designed and implemented landing zones using CloudFormation Templates, streamlining infrastructure setup for scalability and compliance.
- Automated deployment pipelines using CodePipeline, CodeBuild, and CodeDeploy, achieving significant time savings in deployment cycles.
- Leveraged the C-Migrate platform for discovery, assessment, and seamless workload migration with zero downtime.
- Designed and implemented all the services as a product in service catalog and built the infrastructure in a quick and effective way.
- Worked on Kubernetes OpenTelemetry and Splunk integration using Helm for centralized logging and observability.
- Implemented backup and restore strategy during Kubernetes migration, ensuring data consistency and minimal downtime.
- Configured and managed Cluster Autoscaler for dynamic scaling based on workload demands.

@ Krypto's, Chennai Nov 2021 –April 2024, Associate Migration Engineer

- Modernizing applications through refactoring and migrating to Azure & AWS, thus ensuring

- Enhance infrastructure capabilities
- Reduce maintenance overhead costs
- Leverage Cloud Agnostic as well as cloud Native tools and services to reduce tech debt.

Proven experience in using Azure & AWS tools and services for migration like Azure Migrate, Azure Resource Manager & MGN.

- Strong ownership and delivered all assigned projects on time, highlighting my commitment and reliability.
- Adapted and thrived working across various time zones (Singapore, New Zealand, Philippines, Denmark, South Africa), displaying flexibility and cultural awareness.
- Designed and implemented secure Azure environments using Azure Defender for Cloud and Microsoft Sentinel.
- Configured and managed Azure AD and ADFS deployments for on-premises and cloud integration.
- Automated infrastructure provisioning and management using ARM templates.
- Monitored and optimized Azure resources for performance and cost.
- Provided technical support and guidance to internal and external stakeholders.
- Deep understanding of Azure subscription and tenant structures and migration processes.
- Knowledge of best practices and considerations for secure and efficient migrations.
- Proficiency with Sentinel configuration and management with understanding of on-premises security solutions and log management.

Projects – Designing – Migrating - Deploying

- EMEA – Region
 - Successfully executed over 10+ complex Azure subscription migrations across EMEA, transitioning clients between Pay-Go, CSP, and EA models. Employed Azure Migrate & MGN for seamless workload migration and replication, overcoming challenges such as compatibility issues with custom marketplace images requiring VM recreation. Developed and executed comprehensive migration plans, minimizing downtime and addressing diverse customer environments, including those with existing on-premises replication. Proactively enhanced cloud security by implementing and optimizing Defender for Cloud, achieving significant improvements in secure scores.
 - APAC – Region
 - Delivered over 20 Azure landing zone deployments and subscription migrations across the APAC region, encompassing both Greenfield and Brownfield environments. Successfully executed subscription migrations, including complex scenarios, and implemented Sentinel for advanced threat detection and response automation. Optimized network configurations by troubleshooting firewall rules and route table issues. Collaborated closely with customers to minimize downtime during Brownfield migrations while ensuring seamless transitions.
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Professional qualifications

- Bachelor of Technology – Electronic & Communication Engineering, Dr. MGR Educational & Research Institute
- HSC – IIPPE Laxmi Raman Mat Hr Sec School
- SSLC – IIPPE Laxmi Raman Mat Hr Sec School