Professional Summary

Results-driven **Cloud and DevOps Engineer** with over **10 years of experience** in designing, implementing, and managing scalable, secure, and cost-effective cloud solutions on **Azure** and **AWS**. Proven expertise in **cloud infrastructure (laaS & PaaS)**, **containerization (Docker, Kubernetes)**, and **DevOps practices**, with a strong focus on optimizing performance, reducing costs, and ensuring compliance with industry standards (SOC 2, HIPAA, PCI DSS). Adept at leading cross-functional teams, driving cloud migrations, and delivering robust IT infrastructure solutions aligned with business goals.

Technical Skills

- Cloud Platforms: Azure, AWS
- **DevOps Tools**: Jenkins, GitHub, Terraform, Docker, Kubernetes
- Databases: SQL Server, MySQL, Azure SQL Managed Instance
- Networking: VPC, VPN Gateway, Load Balancers, Traffic Manager
- Monitoring Tools: New Relic, CloudWatch, Azure Monitor
- Security Tools: Azure Security Center, AWS IAM, WAF
- Compliance Standards: SOC 2, HIPAA, PCI DSS

Professional Experience

Team Lead - Cloud and IT Infrastructure

i95Dev | Sep 2022 - Present | Hyderabad, India

- Led the migration of **on-premises systems to Azure and AWS**, reducing downtime by **30**% and improving system performance.
- Mentored a team of **5+ engineers**, ensuring timely delivery of scalable, secure, and cost-effective cloud solutions.
- Reduced **cloud costs by 25%** through reserved instances, savings plans, and resource optimization.
- Established CI/CD pipelines using Jenkins, GitHub, and Terraform, reducing manual errors by 40%.
- Ensured compliance with SOC 2, HIPAA, and PCI DSS by implementing Azure Security Center, AWS IAM, and WAF.
- Achieved 99.9% RTO with disaster recovery plans using Azure Site Recovery and AWS Backup.
- Monitored systems using **New Relic** and **CloudWatch**, maintaining **99.99% uptime**.

Senior Engineer - Cloud & DevOps

i95Dev | Aug 2018 - Sep 2022 | Hyderabad, India

- Designed and implemented highly available, scalable, and secure AWS solutions for a USbased childcare startup, leveraging services like EC2, RDS, S3, CloudFront, Route53, and Auto Scaling.
- Led the migration of the entire application and database environment to a new AWS region within **6 months**, ensuring **minimal downtime** and compliance with **SOC 2 Type 2** standards.

- Reduced hosting costs by 20% through strategic implementation of savings plans and reserved instances.
- Automated infrastructure provisioning using CloudFormation and implemented CI/CD pipelines using Jenkins and GitHub.

Cloud Engineer

JIVA InfoTech Inc | Aug 2015 - Jul 2018 | Hyderabad, India

- Architected and migrated an on-premises environment to Microsoft Azure, hosting .NET applications and SQL Server databases on Azure SQL Managed Instance.
- Reduced hosting costs by **30%** through resource consolidation and optimization.
- Improved **Azure Security Center score** from **45% to 82%** by implementing robust security measures, including **WAF** and **Azure AD**.
- Ensured compliance with HIPAA and PCI DSS standards.

System Administrator

JIVA InfoTech Inc | Aug 2012 - Jul 2015 | Hyderabad, India

- Managed Hyper-V and Xen Server virtualization environments, configuring and maintaining multiple VMs.
- Installed and configured Windows Server (2008 R2/2012/2016), Linux (CentOS, Ubuntu), and Microsoft SQL Server (2008 R2/2012/2014/2016).
- Migrated Active Directory Domain Services from Windows Server 2008 R2 to 2016 and Microsoft Exchange Server from 2010 to 2016.

Education

Bachelor of Technology in ECE

Northe Eastern Hill University | 2010

Certifications

- AWS Certified Solutions Architect Associate
- AWS Certified SysOps Administrator Associate
- Microsoft Certified: Azure Administrator Associate
- Microsoft Certified: Azure Solutions Architect Expert
- Terraform Associate

Key Achievements

- Migrated 200+ applications and 100+ databases to the cloud with zero downtime
- Reduced cloud hosting costs by 20-30% through strategic optimization and cost management practices.
- Reduced annual IT costs by \$150,000+ through strategic optimization.
- Improved Azure Security Center score from 45% to 85%+ and maintained SOC 2 Type 2 compliance, enhancing overall cloud security posture.
- Automated infrastructure provisioning and CI/CD pipelines, reducing deployment times by 40%.