MRUGESH SHAH *Senior DevOps Engineer*

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Profile Summary

Senior DevOps Engineer with over 7 years of experience specializing in cloud architecture across AWS, Azure, and GCP; led initiatives that resulted in a 35% reduction in provisioning time while achieving 99.99% uptime by migrating workloads to Kubernetes clusters. Recognized with the 'Engineer of the Quarter' award for contributions to system performance improvements across platforms like Azure and AWS.

Technical Experience

SENIOR DEVOPS ENGINEER   May 2024 - Feb 2025
ROI-ESOLUTIONS LTD   London, UK
- Guided DevOps engineers through hands-on training sessions focused on cloud infrastructure management; facilitated a collaborative environment that resulted in identifying three critical areas for boosted system performance within one quarter.
- Engaged in continuous learning on best practices within DevOps, which enhanced overall team efficiency by reducing troubleshooting time by an estimated 10 hours weekly.
- Architected and deployed scalable infrastructure solutions through Infrastructure as Code (IaC) using Terraform and application configuration deployment through Ansible achieving a 70% faster provisioning time while enhancing system resilience and security for cloud applications.
- Operated shutdown protocols for non-essential resources outside business hours; achieved significant savings amounting to over $5k annually, directly enhancing budget allocation for high-impact projects within the DevOps team.
- Executed the deployment of CI/CD pipelines using Jenkins and Azure DevOps, on Kubernetes cluster resulting in a 40% reduction in software delivery time while enhancing code quality with Sonarqube.
- Designed and performed a comprehensive disaster recovery (DR) strategy that achieved 99.9% uptime during critical outages, ensuring business continuity by swiftly restoring operations within defined SLAs for all major systems.
- Crafted sophisticated tracking systems utilizing Prometheus alongside Grafana for real-time insights into application performance; findings led directly to the identification of five major causes of downtime. affecting customer experience.
- Automated over 50 routine administrative tasks utilizing Shell scripting and PowerShell, resulting in a monthly savings of more than 40 hours previously spent on manual data handling by the DevOps team.

SENIOR DEVOPS ENGINEER   Oct 2023 - Apr 2024
NIO DIGITAL   London, UK
- Spearheaded migrating on-premises infrastructure to AWS, leveraging services such as EC2, S3, RDS, and Lambda, reducing operational costs by 30%.
- Orchestrated the migration of application workloads to Kubernetes clusters on AWS, Azure and GCP resulting in a 40% increase in scalability during peak traffic periods while ensuring zero downtime throughout deployment.
- Designed and maintained CI/CD pipelines using Jenkins, Azure DevOps, and GitLab CI, leading to a 50% reduction in deployment times.
- Crafted robust automation scripts using Terraform and Ansible that streamlined configuration management processes; this initiative directly reduced manual intervention by an average of 10 hours per week on routine tasks.
- Integrated Prometheus and Grafana for real-time monitoring and alerting, improving system uptime by 20%.
- Orchestrated the shift to DevSecOps methodologies, integrating optimized testing workflows that minimized manual QA efforts by 15 hours weekly while boosting developer assurance in code reliability before deployment.
- Conducted root cause analysis and performance tuning, improving application response times by 40%.
- Mentored DevOps engineers and conducted regular training sessions on cloud architecture, container orchestration, and automation tools.

SENIOR DEVOPS ENGINEER   Jun 2020 - Sep 2023
MENSOFT TECHNOLOGIES   Ahmedabad, India
- Improved system reliability and uptime by implementing SRE best practices, including incident response and postmortem analysis.
- Migrated legacy applications to cloud-native architectures on AWS, Azure, and GCP, reducing operational overhead and costs.

- Constructed an innovative deployment framework through CI/CD pipelines on both Azure and AWS platforms that decreased release cycles by 40%, ultimately facilitating smoother feature launches with robust disaster recovery measures ensuring operational stability.
- Engineered a robust application configuration management system utilizing Ansible on Kubernetes clusters, enhancing deployment speed by 50% and allowing for the seamless integration of new applications within hours instead of days.
- Established comprehensive security protocols and compliance measures that safeguarded sensitive data, achieving a 75% reduction in vulnerability incidents while ensuring adherence to industry regulations across all operational processes.
- Led cross-functional training sessions and knowledge-sharing workshops to upskill team members on new technologies and best practices, fostering a culture of continuous improvement and innovation.

DEVOPS ENGINEER   Sep 2019 - May 2020
ZAPTECH SOLUTIONS   Ahmedabad, India
- Deployed and managed Docker containers and Kubernetes clusters, improving application deployment efficiency.
- Launched a streamlined approach utilizing the ELK stack that increased issue resolution speed from weeks down to less than three days through more effective data aggregation techniques tailored for team needs.
- Administered cloud-based infrastructure and maintenance tasks, leveraging AWS and Azure platforms to ensure robust and scalable service delivery.
- Developed Infrastructure as Code (IaC) using Terraform, enhancing infrastructure provisioning processes and version control.
- Developed continuous integration and deployment (CI/CD) pipelines, enabling automatic and manual code deployments to streamline development workflows.

ASSISTANT MANAGER - INFRASTRUCTURE   Jul 2015 - Sep 2019
GATEWAY TECHNOLABS PVT LIMITED   Ahmedabad, India
- Executed virtualization strategies for both Linux and Windows servers, achieving a 40% reduction in resource wastage while maximizing system uptime across all critical applications to enhance operational efficiency.
- Implemented Amazon Web Services infrastructure, implementing auto-scaling and CloudFront distribution to optimize performance and reliability.
- Devised and implemented comprehensive disaster recovery protocols, achieving a 75% faster system restoration time across Azure and other cloud platforms to ensure business continuity during unexpected outages.
- Managed disaster recovery, backups, and security protocols and Collaborated with stakeholders to ensure seamless integration & functionality.

Technical Skills

Cloud Platforms: AWS, Azure, and Google Cloud Platform (GCP)

Containerization: Docker, Docker Compose, and Kubernetes

DevOps Tools: Azure DevOps, Microsoft Entra ID, Jenkins, GitLab, and Sonarqube

IaC Tools: Terraform, Ansible and Cloudformation

Monitoring & Logging: Prometheus, Grafana, ELK Stack, and Datadog

Programming Languages: Bash and Powershell

Security: DevSecOps, SAST, DAST, Vulnerability Management, Secrets Management

Education

Bachelors in Computer Applications, University of Osmania, Hyderabad, India

Certifications

Azure Solutions Architect – AZ-305 | Azure Administrator Associate – AZ-104 | RedHat Certified Engineer