

PROFESSIONAL SUMMARY

Results-oriented DevOps Engineer with over 3 years of experience in designing, implementing, and optimizing robust CI/CD pipelines, infrastructure automation, and deployment processes, achieving measurable improvements in efficiency and performance. Proven expertise in cloud technologies, containerization, and orchestration tools, delivering results with a focus on continuous improvement. Adept at streamlining workflows and ensuring seamless integration between development and operations teams, driving collaboration for remarkable productivity gains.

WORK EXPERIENCE

Associate DevOps Engineer: Minfy Technologies Pvt Ltd | Bengaluru, India

April 2022 - Present

1. Spearheaded architectural modernization projects, leveraging Terraform, Ansible, and Kubernetes, resulting in a **30% reduction in infrastructure costs** and a **50% enhancement** in system performance.
2. Led comprehensive DevOps transformations, optimizing workflows with Terraform, Docker, and AWS services, resulting in a **20% reduction** in deployment times, achieving a **30-minute average deployment duration**.
3. Automated infrastructure provisioning with Terraform, ensuring high-quality code through continuous integration, optimizing deployment processes, and **eliminating 70% of manual work**.
4. Designed a complex continuous integration pipeline, using technologies such as CodePipeline, Jenkins, Github Actions & Azure Devops resulted in consistent application deployments and a notable **60% improvement in development** cycle speed.
5. Deployed CI/CD pipelines using GitLab and Terraform to configure infrastructure on AWS and store state at GitLab which resulted in **40 % cost savings**.
6. Experienced with monitoring tools such as Prometheus, Grafana, CloudWatch, DataDog, and Nagios to ensure system reliability and performance.
7. Proficient in source code management, adept at resolving challenges, and optimizing automation scripts for enhanced operational efficiency.
8. Extensive experience in various cloud services, particularly AWS; contributed to scalability, reliability, performance, and cost optimizations.
9. Worked closely with cross-functional teams and stakeholders, demonstrating strong teamwork and communication skills to achieve project objectives and resolve issues with Agile-Scrum delivery methodologies.
10. Successfully completed project documentation phases and delivered the requirements to the customers.

SKILLS

- AWS Cloud

• Azure Cloud

• Hashicorp Terraform

• Jenkins

• Docker

• Kubernetes

• CI/CD

• Git

• Python

• Ansible

• Maven

• Gradle

• Jenkins

• SQL

• CloudFormation

• CodePipeline

• GitHub Actions

• Grafana

• Prometheus

• ELK, EFK

• GitLab

• Nexus

• Sonarqube

• Hashicorp Vault

• Figma

• Linux, Windows

• Scripting (PowerShell, bash)

• Terraform Cloud

PROJECTS

Private Space Company

1. Documented customer requirements and proposed solutions, contributing to a streamlined process.
2. Led the containerization of application microservices and UI (Node.js), resulting in a 30% enhancement in deployment speed.
3. Constructed Terraform scripts for automated infrastructure deployment, ensuring a 40% reduction in deployment speed.
4. Implemented robust CI/CD Pipelines using GitHub, Jenkins for ECS deployments, reducing manual effort by 40%.
5. Executed cost optimization strategies based on resource consumption, resulting in a 20% reduction in AWS expenses.
6. Enhanced security using AWS services and conducted thorough testing, leading to a 20% decrease in application vulnerabilities.
7. Monitored application performance, ensuring optimal functionality throughout the process using ELK Stack.

ERP System

- 1. Documented customer requirements, improving understanding of key activities such as quotation, booking, billing, payment, and shipment tracking.
- 2. Created detailed flowcharts and static webpages, enhancing usability and visual representation of processes to the clients.
- 3. Led UI/UX prototype development with Figma, addressing challenges for frontend and backend enhancements.
- 4. Spreadheaded the containerization of dotnet application microservices, UI, APIs, and CMS strapi, and conducted dockerized service tests for optimizing performance.
- 5. Constructed Terraform scripts for automated infrastructure deployment, boosting operational efficiency by 40%
- 6. Implemented diverse CI/CD Pipelines using CodeCommit, CodeBuild, CodePipeline, and ECR streamlining ECS deployments and reducing manual effort by 30%.
- 7. Enhanced security using AWS services and rigorous testing, resulting in a 15% decrease in infrastructure vulnerabilities.
- 8. Contributed to AWS cloud bill optimization efforts, resulting in a 20% reduction in overall costs.
- 9. Monitored application and services until stabilization, ensuring optimal performance and functionality throughout the process using ELK Stack and Cloudwatch.
- 10. Documented comprehensive Runbook and operations manual for customers, providing clear guidelines for operational procedures.

GitLab Modernization

- 1. Proposed modernization strategies for monolithic GitLab architecture on-premises, leveraging Terraform for dynamic resource deployment and EKS for application deployment, resulting in a 40% increase in application efficiency.
- 2. Demonstrated expertise in AMI-GitLab deployment on EKS, resolving critical issues and ensuring seamless operation.
- 3. Constructed Terraform scripts for automated infrastructure deployment, boosting operational efficiency by 40%
- 4. Implemented multiple CI/CD pipelines for deploying GitLab & other applications on EKS using Terraform and Helm, reducing deployment time by 30% via CodePipeline automation.
- 5. Designed efficient monitoring stacks with Prometheus for metrics monitoring and alerts, fluent bit & CloudWatch for log management, and Grafana for visualization, improving system monitoring capability by 35%.
- 6. Implemented GitLab runner autoscaling solutions using docker-autoscaler, achieving a 40% improvement in build speeds for Linux and Windows environments.
- 7. Successfully transitioned to production phase, completing rigorous testing phases and ensuring system stability.
- 8. Collaborated on constructing Grafana dashboards and UI design in Figma for the AMI-GitLab Login Page, enhancing user experience and system accessibility.
- 9. Applied AWS cost-saving plans to optimize cloud bill, resulting in a 15% reduction in overall expenses.
- 10. Documented detailed Runbook and operations manual for customer reference, ensuring smooth operational procedures and knowledge transfer.

Govt. Firm NHA

- 1. Led the containerization of WordPress application, integrating a resilient DBaaS using AWS RDS with a Serverless Aurora Cluster, resulting in a 30% increase in system reliability.
- 2. Utilized JMeter for load testing, demonstrating robust system performance with a 25% improvement in response time, while demonstrating scaling database dynamics through CloudWatch Dashboard, resulting in a 20% increase in data handling capacity and offering valuable insights into system growth and scalability.
- 3. Implemented a DBaaS monitoring solution with CloudWatch and alarms, enhancing system visibility and reducing downtime by 90%.
- 4. Documented comprehensive runbook and monitoring operations manual, facilitating seamless operational procedures and knowledge transfer for the team.

CERTIFICATIONS

1. Certified kubernetes Administrator	July 2024
2. Certified kubernetes Application Developer	Mar 2024
3.AWS Certified Solutions Architect – Associate	Aug 2022
4. HashiCorp Certified: Terraform Associate (003)	Nov 2023

ACHIEVEMENTS

Deliver Outcome	Jan 2024
Awarded for demonstration of exceptional skills in delivering outstanding outcomes	
One Minfy Customer Success Award	April 2024
Minfy Recognition Award for Customer-Centric in Minfy’s Townhall 2k24	

EDUCATION

Bachelor of Engineering	2017 - 2022
-------------------------	-------------