


Dinesh Ramesh DevOps Engineer

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Professional Summary

IT Engineer with 4 years of proven experience in Site Reliability Engineering (SRE) and Middleware, with strong expertise in DevOps practices. Skilled in designing and implementing cloud-native solutions, automating infrastructure, and optimizing CI/CD pipelines using Kubernetes, Terraform, GitOps, and ArgoCD. Experienced in Infrastructure as Code (IaC), ensuring scalability, reliability, and cost efficiency across AWS and Azure environments. Recognized for reducing operational overhead, improving deployment speed, and delivering highly available systems. Passionate about automation, resilience, and continuous improvement in modern DevOps practices.

Work Experience

Tata Consultancy Services, SRE Engineer 12/2021 – Present | Chennai, India

- Deployed 50+ containerized microservices using Kubernetes, OpenShift, and Helm, enabling automated, GitOps-based deployments with 95% configuration consistency across environments.
- Built and maintained CI/CD pipelines with Spinnaker, ArgoCD, and GitHub Actions, reducing manual deployment time by 70% and enabling zero-downtime releases via Blue-Green and Canary strategies.
- Automated infrastructure provisioning using Terraform, accelerating cloud environment setup and supporting multi-region scalability across AWS and Azure.
- Implemented ArgoCD for declarative GitOps workflows, reducing deployment errors by 90% and cutting release cycle times by 40%.
- Led middleware performance tuning, resolving JVM and heap dump issues that improved application throughput by 30% and reduced latency by 45%.
- Administered Apigee API Gateway, securing 100+ APIs, and improving integration times by 50%.
- Strengthened compliance posture by automating SOX-aligned password rotations and RBAC audits, cutting manual review time by 40%.
- Provided 24/7 on-call SRE support, resolving 95% of critical incidents within SLA, and contributing to 99.95% system uptime across production environments.

Education

B.E. Aeronautical Engineering 2016 – 2020

Anna University - JJ College of Engineering & Technology

Core Skills

Cloud Platforms

Microsoft Azure
AWS

Infrastructure as Code

Terraform
Ansible

Monitoring & Logging

Datadog
Kibana
Opsgenie

Version Control & ITSM

Git
Jira
ServiceNow

Containers & Orchestration

Docker
Kubernetes
OpenShift

CI/CD & Automation

Jenkins
GitHub Actions
Spinnaker
ArgoCD

Dev Tools & Middleware

Apigee
WebSphere
Liberty
Apache
Linux

Awards & Appreciations


- Consistently appreciated by the client and TTH Manager as a top performer across multiple months for Middleware support, automation initiatives, and production stability.
- Recognized as “Best Performer” in quarterly townhall for driving high-impact Middleware delivery and proactive incident resolution.

Certifications

Red Hat Certified System Administrator (RHCSA)

- Red Hat - Sept 2024
- <https://rhtapps.redhat.com/verify?certId=20-178-06> 

Microsoft Certified: Azure Administrator Associate (AZ-104)

- Microsoft - Sept 2025
- <https://learn.microsoft.com/api/credentials/share/en-us/Dinesh-O6O7/8834D6C4663BB8B3?sharingId=83E932660BA9BB42> 

Microsoft Certified: Azure Fundamentals (AZ-900)

- Microsoft - Dec 2024
- <https://learn.microsoft.com/en-us/users/dinesh-0607/credentials/cc0bd060e669b790> 