

RESUME

Kiran Mohite

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Career Objective: 7 years of IT experience, including 3.7+ years as a **DevOps Engineer** at Nayagara Technologies Limited. Built and automated CI/CD pipelines with Jenkins and Git, deployed Docker containers on AWS ECS Fargate, and managed multi-environment releases. Implemented Terraform-based infrastructure-as-code to streamline deployments and reduce manual effort. Worked in Agile/Scrum teams, contributing to sprint planning, daily stand-ups, and delivering reliable, repeatable deployments.

Professional Profile:

Overall Experience – 7+ yrs

DevOps Experience – 3.7+ yrs

1) **Organisation:** Nayagara Technologies Limited (Nov 2023 - Present)

Current Role: DevOps Engineer

Project:

Domain: Banking.

- Overall, 3.7+ years of IT experience with strong expertise in **DevOps, CI/CD Pipeline**, Infrastructure management, **AWS** and **Azure DevOps**.
- Extensively worked on the AWS Cloud platform and its features, which include **EC2, VPC, EBS, AMI, SNS, RDS, CloudWatch, AWS CLI, AWS Config, Autoscaling, CloudFront, IAM, S3, and R53**.
- ensuring consistent and reproducible deployments across multiple environments.
- Automate Lambda triggers via **S3, API Gateway, CloudWatch, or DynamoDB**.
- Monitor execution logs and errors via **CloudWatch** Logs.
- Automate **NFS** mount using user data scripts or **Ansible**.
- **Agile Collaboration** Worked in Agile/Scrum teams, participating in sprint planning, daily stand-ups, and retrospectives, delivering incremental, reliable releases aligned with business priorities
- Automated **Docker image builds** by writing Dockerfiles and configuring Jenkins pipelines to build images on code commits. Deployed applications on **Kubernetes using manifest files**, managing pods and services to support scalable and reliable application deployments.
- Created a **VPC with eight subnets across two availability zones**, where **two subnets were public** (attached to an Internet Gateway) and **six subnets were private** (routed through NAT Gateways), ensuring a secure and highly available architecture.
- Automated **NFS mount configurations** using **EC2 user data scripts and Ansible**. Implemented **Amazon EFS as centralised storage** and mounted it on **8 EC2 instances** to collect and share system data, ensuring consistent configuration across all servers.
- Identified **critical EC2 instances** and implemented **tag-based automated EBS snapshot policies** to manage **daily and weekly backups**, ensuring compliance with disaster recovery and business continuity requirements.
- **Security & Access Management (IAM, S3 Policies)**
Created **custom IAM policies using JSON** to define fine-grained access for **EC2, S3, Lambda, and other AWS services**, following least-privilege principles. Created and managed **S3 bucket policies** to control public and private access for users, applications, and services.gra
- Used Prometheus and **Grafana** for daily monitoring of the production environment.
- **Automation & Scripting (Python – boto3 and Shell Script)**
Used **Python (boto3)** to automate AWS tasks such as **starting and stopping EC2 instances, uploading files to S3, and performing basic API testing and data validation**, reducing manual operational work.
- **Monitoring, DNS & High Availability**
Configured **CloudWatch** for monitoring system metrics and logs. Set up **Route 53 health checks and DNS failover routing** to monitor application endpoints and automatically route traffic during failures.
- **Collaboration & Platforms**
Analysed **business and system requirements** and worked closely with **developers, senior architecture teams, QA, and support teams** to support application releases and resolve production issues. Strong experience working in **Linux and Windows environments** for deployments, troubleshooting, and system administration.

Technical Skills:

Scripting language	Shell Scripting, Python
Cloud Services	AWS (EC2, VPC, S3, Lambda, IAM, Rout53, CloudWatch), Azure DevOps
Operating Systems	Linux, Windows
Monitoring	CloudWatch and Grafana
Configuration Management	Ansible
Code/Image Quality	SonarQube, OWASP, CheckMarx, Trivy, Nexus
Web server & Application server	Apache, Tomcat, Nginx
Version Control System	GIT, GitHub
Containerisation & Orchestration	Docker & Kubernetes
CICD	Jenkins
IaC Tool	Terraform
AI Tool	Chat-GPT, MS-Copilot

Education: Bachelor of Computer Application (BCA) – Rabindranath Tagore University, Bhopal (MP)

2) Organisation: Tech Mahindra | Mar 2022 – Oct 2023

Current Role: Customer Support Associate

Project: Verizon Telecom

Domain: Telecom.

- Provided Linux server support by analysing logs, fixing permission/disk issues, and restarting services to resolve production incidents.
 - Automated deployments and configuration changes with Ansible across multiple servers, reducing manual effort and downtime.
 - Managed AWS resources (EC2, S3, IAM, security groups), performing health checks, updating rules, and backing up critical data.
 - Monitored applications/databases for performance issues, coordinating fixes with teams during CPU/memory spikes or connectivity failures.
 - Supported Azure DevOps pipelines and Git workflows, troubleshooting failed builds, resolving merge conflicts, and ensuring smooth releases.
 - Created small automation scripts and documented recurring issues, improving operational efficiency and reducing repetitive tasks.
 - Provided application and production support, including monitoring, incident management, and basic troubleshooting.
 - Assisted with application deployments on Apache and Tomcat servers and performed log analysis.
 - Gained exposure to cloud platforms **AWS (EC2, S3)** and **Azure (VMs, Storage, basic monitoring)**, along with Docker.
 - Supported basic **Azure operations**, including VM management, storage configuration, and log/health monitoring.
 - Automated routine operational tasks using Shell scripting, supporting a transition into DevOps responsibilities.
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3) Organisation: Citius (Altius) Customer Service Pvt.Ltd.

Current Role: L2 Support Associate

Project: Five Below (USA)

Domain: Supply Chain Management

- Provided L2 production support for supply chain and inventory applications supporting order processing and warehouse operations.
- Monitored application and database health; investigated performance issues, batch failures, and data sync delays.
- Analyzed Linux, application, and middleware logs to resolve production incidents within SLA.
- Managed incidents end-to-end, coordinating with development and technical teams for root cause and permanent fixes.
- Worked with operations teams to assess business impact on inventory accuracy and shipments.
- Example: Fixed failed nightly inventory batch due to disk space exhaustion by clearing logs, restarting services, and validating data sync, preventing order processing impact.

Personal Information

Name:	Kiran Suresh Mohite
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