

Yogesh Rathod

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SUMMARY

DevOps Engineer with 3 years of experience, specializing in building and managing cloud infrastructure on AWS and Azure. Skilled in automating infrastructure provisioning and configuration, managing containerized applications, and implementing CI/CD pipelines. Experienced in developing automation scripts, managing version control, and setting up real-time monitoring to ensure efficient and reliable deployments.

WORK EXPERIENCE

DevOps Engineer | Infosys

March 2024 – present

- Built large-scale infrastructure using **Terraform** and **CloudFormation** for secure, scalable environments.
- Implemented and templated pipelines, ensuring end-to-end automation and optimizing deployment workflows.
- Configured private networking for AWS PaaS via **VPC Endpoints** and **PrivateLink** to enhance security.
- Strategized and implemented **Blue-Green deployments** on Kubernetes to enable seamless and zero-downtime releases.
- Proficient in **Bash** and **Python** enabling automation across diverse environments.
- Managed Kubernetes clusters on **EKS** for seamless operations of microservices applications.
- Detected code vulnerabilities and enforced security best practices using **SonarQube**, enhancing code quality and compliance with CIS benchmarks for Kubernetes clusters.
- Collaborated across teams to plan DevOps, cloud, and Kubernetes solutions aligned with business objectives.
- Monitoring and alerting with Prometheus, Grafana, Loki, PromTail and CloudWatch for proactive incident handling.
- Administered services (EC2, VPC, ELB, Auto Scaling, Route 53, S3, IAM, KMS) ensure high availability & security.

DevOps Engineer | BYJU'S

Sep 2023 – Feb 2024

- Built automated CI/CD pipelines using **AWS CodePipeline**, **CodeBuild**, and **CodeDeploy** with secure secrets management via **AWS Secrets Manager** and Docker image integration with Docker Hub.
- Managed **EKS** clusters hosting Node.js and Python applications with Helm-based version-controlled deployments.
- Enabled **HPA** and **VPA** in EKS to support dynamic traffic scaling during peak usage periods.
- Provisioned AWS infrastructure using Terraform, ensuring consistency with IaC practices.
- Centralized monitoring with Prometheus, Grafana, and CloudWatch for improved uptime and proactive issue resolution.
- Implemented **global CDN** with **CloudFront** and **S3**, cutting latency by 50% and enhancing security via OAI, signed URLs, and WAF.

DevOps Engineer | Publicis Sapient

March 2022 – April 2023

- Built Jenkins CI/CD pipelines on AWS and Azure for automated infrastructure, deployment, and setup.
- Automated infrastructure setup and management with **Terraform** and **Ansible**, enhancing deployment efficiency.
- Orchestrated containerized applications using **Kubernetes** for improved scalability and reliability.
- Configured **Nginx** ingress controllers with **SSL termination** via AWS ACM for secure delivery of web-based platforms.
- Used **Git** and **GitHub** for code management, aiding team collaboration and code quality.
- Implemented proactive monitoring and alerting with **CloudWatch**, **Prometheus**, and **SNS**, reducing downtime.
- Automated backup lifecycle management using AWS Lambda and CloudWatch, **optimizing storage costs**.
- Developed shell scripts to automate deployments, system monitoring, and log analysis across environments.

EDUCATION

Bachelor of Technology - Computer Science Engineering

July 2017 - July 2021

Vishwakarma Institute Of Information Technology, Pune, Maharashtra

7.57 CGPA

CERTIFICATIONS

Azure Fundamental
MySQL And NoSQL

DevOps Foundation
Web Fundamental

Linux: Files And Permission
C, C++, Python, Java

SKILLS

- Cloud Platforms:** AWS, Azure
- Automation Tools:** Ansible, Terraform, Jenkins, Github Action, Shell scripting, ArgoCD
- Containerization:** Docker, Docker Compose, Docker Swarm, Kubernetes, Helm,
- Version Control & SCM:** Git, GitHub, Bitbucket
- Testing & Analysis:** JUnit, Mockito, Sonarqube, Maven, trivy
- Monitoring and Logging:** Grafana, Prometheus, Loki, Promtail
- Front-End & Database:** HTML, CSS, JavaScript, MySQL, NoSQL.