

Lakshya Dubey

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Professional Summary

DevOps Engineer with 1+ years of experience managing production systems, troubleshooting deployments, and automating cloud infrastructure with **CI/CD pipelines**. Skilled in **Kubernetes**, **AWS**, and monitoring tools like **Prometheus & Grafana**, with hands-on exposure to networking (**VPC**, **Route53**, **firewalls**). Actively enhancing expertise in **Terraform** to deliver scalable and reliable cloud solutions.

Work Experience

Cloud Engineer

Pune, Maharashtra

Godigit Insurance

July 2024 – Present

- Deployed and managed **AWS** infrastructure (**EC2**, **S3**, **RDS**, **VPC**, **IAM**) to support scalable and secure applications, improving infrastructure reliability by 30%.
- Optimized **AWS** costs by over 30% for non-production environments by implementing a strict resource tagging strategy and automating the shutdown of **EC2** instances.
- Built, optimized, and deployed Docker container images and managed containerized applications on **Kubernetes (EKS)**, configuring **ConfigMaps**, **Secrets**, **Ingress controllers**, and **autoscaling** policies to handle 20% higher traffic with zero downtime.
- Strengthened cloud security posture by enforcing the principle of least privilege, implementing strict **IAM** roles and policies, and integrating **MFA** for critical services.
- Automated infrastructure provisioning with **Infrastructure-as-Code (IaC)** tools such as **Terraform** and **AWS CloudFormation**, managing multiple environments with reusable modules cutting manual provisioning effort by 40%.
- Configured and managed enterprise-grade **F5 Load Balancers** and designed/troubleshooted **Networking** solutions (DNS, firewalls, routing, and security groups) to ensure secure, efficient, and reliable application delivery.

Projects

IAM Portal – Cloud-Native Ticketing

AWS EC2 | Docker | Node.js | Nginx

- Built a cloud-native IAM portal using **Node.js**, **Express**, **Docker**, and **AWS EC2** for security and scalability.
- Deployed with **Nginx** reverse proxy for performance and security, plus environment-based secrets for robust configuration.
- Utilized **AWS EC2**, **Docker**, **Nginx**, **Let's Encrypt**, **Node.js**, **Express**, **GitHub** — enhancing reliability, security, and user experience.
- Integrated automated ticketing and email workflows, reducing access provisioning time by 50%.

Scalable Cloud-Native Weather Service

AWS | Kubernetes (k8s) | Jenkins | Terraform

- Deployed a scalable weather application on **AWS** with **EC2 Auto Scaling** for high availability and performance.
- Architected a **CI/CD pipeline** with **Jenkins** to automate build, testing, and deployment of the containerized application.
- Containerized the app with **Docker** and managed deployments using **Kubernetes (k8s)** for orchestration and scaling.
- Provisioned and managed infrastructure with **Terraform (IaC)**, ensuring consistency, version control, and repeatability.

Technical Skills

Cloud & Networking: AWS (EC2, VPC, S3, Route53, IAM, EKS, ECR), Azure, Networking (DNS, Load Balancing, Firewalls, Security Groups, **API Gateway**, **F5 Load Balancer**, **SSL/TLS**)

Orchestration & Containers: Kubernetes, Docker, **Helm**, **GitOps**

CI/CD & Automation: Jenkins, GitHub Actions, **Configuration Management (Ansible)**

Infrastructure as Code: **Terraform** (actively learning, pursuing certification)

Monitoring & Logging: **Prometheus**, **Grafana**, ELK Stack, AWS CloudWatch

Scripting & OS: **Python**, **Shell**, **Linux**

Education

B.Tech, ECE Ajay Kumar Garg Eng. College

CGPA: 7.52