Shorya Dwivedi

Devops Engineer

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SUMMARY

DevOps Engineer with 2 years of hands-on experience in automating infrastructure provisioning, building scalable CI/CD pipelines, and deploying microservices on Kubernetes. Skilled in AWS services, GitHub Actions, Terraform, and container orchestration. Proven ability to improve deployment speed, optimize costs, and manage event-driven, cloud-native architectures. Actively seeking contract-based opportunities in cloud automation and DevOps consulting.

SKILLS

- Programming & Tools: Git/GitHub, **GitHub Actions**, **Jenkins**, CI/CD, Docker, **Kubernetes**, **Terraform**, **Python**, Bash
- **Cloud & Infrastructure:** AWS (EC2, EKS, S3, IAM, Lambda, ECR, CloudFront, Route53, EventBridge, SES, SQS, SNS, ACM, API Gateway, RDS, DynamoDB, Secrets Manager).
- **Monitoring:** Prometheus, Grafana, CloudWatch.
- **Automation:** Infrastructure as Code (Terraform), AWS CLI, Boto3.
- **Scaling & Availability:** Auto Scaling Groups, Fargate, Load Balancers.
- **OS & Platforms:** Linux, Minikube, AWS Fargate.

CERTIFICATIONS

- **AWS CERTIFIED DEVELOPER – ASSOCIATE**
- **GitHub Actions Certification – GitHub**

WORK EXPERIENCE

V2Solutions | **Navi Mumbai, India**

DevOps Engineer   *Jul 2025 – Present*

- Provisioned scalable AWS infrastructure using **Terraform workspaces** to support isolated dev, staging, and prod environments.
- Developed **reusable GitHub Actions workflows** to unify CI/CD pipelines for multiple microservices.
- Integrated **OIDC with GitHub Actions** for secure, credential-free AWS authentication.
- Deployed **self-hosted runners** to optimize internal workflows involving sensitive resources.
- Enabled **Docker layer caching** to improve CI efficiency and reduce build times.
- Built a **custom Docker version controller** for consistent base image management using centralized ARG-based templates.
- Integrated **AWS Cognito, EventBridge, SQS, and SNS** to implement event-driven hospitality workflows.

Sarb Alliance Hospitality P.V.T

DevOps Engineer (Contract) | India (Remote)   *Jun 2023 – May 2025*

- Automated **static site deployment pipelines** using Amazon S3, CloudFront, and GitHub Actions.
- Configured **CI/CD jobs** to upload build artifacts to S3 and trigger CloudFront cache invalidation for content freshness.
- Deployed and managed **EKS clusters** and IAM policies for secure microservice orchestration.
- Provisioned cloud infrastructure using **Terraform**, ensuring environment consistency.
- Orchestrated **event-driven integrations** with AWS services (Cognito, EventBridge, SQS, SNS) for backend automation.

PROJECTS

SES-Integrated Failure Notification System

- Created GitHub Actions jobs that send templated SES email alerts on CI/CD failures.
- Automated failure diagnostics using **AWS CLI** and GitHub metadata for real-time notifications.

GitOps CI/CD Pipeline with GitHub Actions and Argo CD

- Developed a microservice voting app with **Minikube + Argo CD** for GitOps-style deployment.
- Set up **reusable GitHub workflows** for Docker builds and Argo CD sync to Kubernetes.

Monitoring and Automation | AWS, Kubernetes, and Prometheus
- Deployed Kubernetes clusters on AWS for containerized workloads.
- Integrated **Prometheus & Grafana** for system metrics and alerting.
- Automated infrastructure scaling using Kubernetes and native AWS tools.
- Built custom dashboards to visualize application and resource performance.

Automated Kubernetes Deployment (AWS EKS, Fargate, and ECR Using Terraform)
- Automated full-stack deployment using Terraform to provision EKS clusters and Fargate profiles.
- Configured ECR to manage and deploy Docker images to serverless workloads.
- Reduced ops overhead and enhanced scalability by leveraging AWS Fargate.

EDUCATION

- **Master of Computer Applications (MCA)**
  Jain University – Ongoing
- **B.Sc. in Computer Science**
  MGM College of Science & Technology