

PROFESSIONAL SUMMARY

DevOps Engineer with experience in automating deployments with Jenkins and other CI/CD tools, containerizing and managing applications using Docker and Kubernetes, proficient in administering Linux and optimizing infrastructure provisioning with Terraform. Skilled in leveraging AWS Cloud Platform for managing IT infrastructure. Proven track record in enhancing system performance, reducing deployment times, and driving collaboration between development and operations teams.

WORK EXPERIENCE

DevOps Project Freelancer | Remote, India

Jul 2024 - Present

- Proficient in source code management using Git, GitHub, codecommit and GitLab, ensuring version control, code collaboration, and continuous integration best practices.
- Extensive experience with cloud services, especially AWS, contributing to enhanced scalability, reliability, performance, and cost optimization.
- Automated infrastructure provisioning using Terraform streamlining provisioning processes resulting in **reduced manual work by 70%**.
- Implemented robust CI/CD pipelines using Jenkins and AWS tools (CodePipeline, CodeBuild), **reducing deployment time by 30%** and integrating code quality gates with SonarQube for improved code standards.
- Deployed UI components in S3 static website with CloudFront integration, enhancing **content delivery speed by 35%** and improving user experience.
- Deployed and managed containerized applications in AWS EKS, **optimizing performance by 40%** and implementing ALB Ingress Controller for efficient microservice API redirection.
- Configured monitoring solutions using Prometheus, Grafana, and AWS CloudWatch, **enhancing system observability by 20%** ensure system reliability.
- Collaborated with cross-functional teams and stakeholders, using Agile-Scrum methodologies to achieve project goals and resolve issues.

SKILLS

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|-----------------------|--------------|--------------------|------------------|
| • AWS Cloud | • GitLab | • Ansible | • Bash Scripting |
| • Hashicorp Terraform | • Docker | • Jenkins | • SQL |
| • Git | • Kubernetes | • Sonarqube | • Python |
| • GitHub | • CI/CD | • Monitoring Tools | • Java |

PROJECTS

Logistics Company

- Containerized Java microservices using Docker platform, improving deployment consistency and **scalability by 50%**.
- Developed Terraform scripts for automated infrastructure deployment, **reducing provisioning time by 45%**.
- Managed application deployment in Kubernetes leveraging AWS EKS, **optimizing performance by 30%**.
- Implemented CI/CD pipelines with GitHub and Jenkins for EKS deployments with SonarQube integration resulting in a **20% improvement in deployment speed** and **30% increase in code quality**.
- Configured ALB Ingress Controller for efficient microservice API redirection, enhancing request handling efficiency.
- Implemented metrics monitoring with Prometheus and Grafana and configured fluent-bit log ingestion to CloudWatch log group for logs monitoring, **improving observability by 30%**.
- Worked on security implementations with AWS Security Hub and GuardDuty, increasing threat detection accuracy.
- Optimized costs based on resource consumption, leading to a **35% reduction in AWS expenses**.

Pharma Company

- Collaborated with senior DevOps engineer on containerizing application microservices (Django backend and React.js UI), resulting in a **30% enhancement** in application performance.
- Constructed Terraform scripts for automated infrastructure deployment, ensuring a **40% reduction in provisioning time**.
- Implemented CI/CD Pipelines using CodeCommit, CodeBuild, CodePipeline, and ECR for AppRunner deployments.
- Executed cost optimization strategies based on resource consumption, resulting in a **20% reduction in AWS expenses**.
- Enhanced security using AWS services and conducted thorough testing, leading to a **30% decrease in vulnerabilities**.
- Monitored application performance, ensuring optimal functionality throughout the process using CloudWatch and X-Ray.

CERTIFICATIONS

AWS Certified Solutions Architect Associate - Udemy
The Complete Devops Bootcamp - Udemy

EDUCATION

Master of Computer Applications - Computer Science

2023 - 2024