

Tarun C L

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PROFESSIONAL SUMMARY

DevOps Engineer with extensive hands-on expertise in AWS Cloud services for managing scalable IT infrastructure. Skilled in CI/CD automation using Jenkins and similar tools, application containerization with Docker, and deployment orchestration through Kubernetes. Proficient in streamlining infrastructure management with Terraform. Proven track record of improving system efficiency, accelerating deployment cycles, and enhancing collaboration between development and operations teams. Committed to ensuring high availability and operational excellence for the team.

WORK EXPERIENCE

DevOps Project Freelancer | Remote, India

Mar 2025 – Apr 2025

- Experienced in version control, code collaboration, and continuous integration practices using Git, GitHub, GitLab, and CodeCommit for efficient source code management.
- Proven expertise in AWS and other cloud services, driving improvements in scalability, reliability, performance, and cost efficient
- Streamlined infrastructure provisioning by automating processes **with Terraform, resulting in a 70% reduction** in manual intervention.
- 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 Prometheus, Grafana, and AWS CloudWatch to boost observability by 30%, contributing to improved system stability and reliability.
- Make use of Agile-Scrum methodologies to work closely with cross-functional teams and stakeholders, driving project success and efficiently resolving project 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, enhancing deployment consistency and **scalability by 50%**.
- Automated infrastructure deployment using Terraform, **cutting down 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%**.
- Enhanced threat detection capabilities by leveraging **AWS Security Hub** and **GuardDuty** for security implementations.
- 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
- Implemented 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**
- Ensured optimal **application functionality** by continuously monitoring performance using CloudWatch and X-Ray.

CERTIFICATIONS

DevOps Beginner to Advance with projects - Udemy
AWS Cloud Practitioner - KodeKloud

EDUCATION

Master of Computer Applications – Computer Science
Jawaharlal Nehru National College of Engineering
VTU, Shivamogga

2022 - 2024

Bachelor of Computer Applications – Computer Science
PES Institute of Advanced Management Studies,
Kuvempu University, Shivamogga

2019 - 2022