Tarun C L

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PROFESSIONAL SUMMARY

Determined Cloud & DevOps Professional with practical expertise in architecting robust, scalable, and secure cloud infrastructure using AWS, Docker, and Kubernetes. Passionate about automating workflows through CI/CD pipelines and Infrastructure as Code (IaC) to streamline software delivery and eliminate inefficiencies. Recognized for accelerating release cycles, optimizing system performance, and fostering seamless collaboration across Dev and Ops teams. Committed to delivering resilient systems with high availability, while supporting innovation and continuous improvement in cloud-native environments.

WORK EXPERIENCE

DevOps Project Freelancer | Remote, India **March 2025 – April 2025**

1. Experienced in version control, code collaboration, and continuous integration practices using Git, GitHub, GitLab, and CodeCommit for efficient source code management.
2. Proven expertise in AWS and other cloud services, driving improvements in scalability, reliability, performance, and cost efficiency.
3. Streamlined infrastructure provisioning by automating processes **with Terraform, resulting in a 75% reduction** in manual intervention.
4. Integrated code quality gates using SonarQube to enhance coding standards, and implemented efficient CI/CD pipelines with Jenkins and AWS tools (Code Pipeline, Code Build), resulting in a 30% reduction in deployment time.
5. Deployed UI components in S3 static website with CloudFront integration, enhancing **content delivery speed by 35%** and improving user experience.
6. Deployed and managed containerized applications in AWS EKS, **optimizing performance by 40%** and implementing ALB Ingress Controller for efficient microservice API redirection.
7. Set-up Prometheus, Grafana, and AWS CloudWatch to boost observability by 30%, contributing to improved system stability and reliability.
8. Collaborated with cross-functional teams and stakeholders by applying Agile-Scrum methodologies to efficiently resolve project issues and drive the successful delivery of projects.

SKILLS

Cloud: AWS, EKS, CloudWatch, ELK Stack, AWS CloudTrail, Lambda.
IaC & Automation: Terraform, Ansible, Bash.
DevOps Tools: Jenkins, Docker, Kubernetes, SonarQube, Agile.
Monitoring: Prometheus, Grafana.
Languages: Python, Java, SQL, Linux,
Configuration Management Tool - Ansible
Infrastructure as a code - Terraform, CloudFormation
Versioning Tool - Git, BitBucket, GitHub, GitLab, CodeCommit

PROJECTS

Logistics Company

1. Containerized Java microservices using Docker platform, enhancing deployment consistency and **scalability by 50%**.
2. Automated infrastructure deployment using Terraform, **cutting down provisioning time by 45%.**
3. Managed application deployment in Kubernetes leveraging AWS EKS, **optimizing performance by 30%.**
4. Implemented CI/CD pipelines with GitHub and Jenkins for EKS deployments with SonarQube integration, resulting in a **20% improvement in deployment speed** and a **30% increase in code quality**.
5. Configured ALB Ingress Controller for efficient microservice API redirection, enhancing request handling efficiency.
6. Implemented metrics monitoring with Prometheus and Grafana and implemented Fluent Bit log ingestion to CloudWatch log group for logs monitoring, **improving observability by 30%**.
7. Enhanced threat detection capabilities by leveraging **AWS Security Hub** and **GuardDuty** for security implementations.
8. Optimized costs based on resource consumption, leading to a **35% reduction in AWS expenses**.

Pharma Company

1. Collaborated with a senior DevOps Engineer on containerizing application microservices (Django backend and React.js UI), resulting in a **30% enhancement** in application performance
2. Applied Terraform scripts for automated infrastructure deployment, ensuring a 40**% reduction in provisioning time**.
3. Implemented CI/CD pipelines using CodeCommit, CodeBuild, CodePipeline, and ECR for AppRunner deployments.
4. Executed cost optimization strategies based on resource consumption, resulting in a **20% reduction in AWS expenses**
5. Enhanced security using AWS services and conducted thorough testing, leading to a **30% decrease in vulnerabilities**
6. Ensured optimal **application functionality** by continuously monitoring performance using CloudWatch and X-Ray.

CERTIFICATIONS

DevOps Beginner to Advanced with Projects | Udemy | March 2025

AWS Cloud Practitioner | KodeKloud | Feb 2025

Fundamentals of DevOps | KodeKloud | Feb 2025

EDUCATION

Master of Computer Application – Computer Science **2022 - 2024**

JNN College of Engineering,

VTU, Shivamogga

Bachelor of Computer Application – Computer Science **2019 - 2022**

PES Institute of Advanced Management Studies,

Kuvempu University, Shivamogga