BENO B G
Devops Engineer

Mobile: +91- 9597349945 | **Email:** itsbenbg@gmail.com | **LinkedIn:** https://linkedin.com/in/itsbenbg

Innovate as a DevOps Engineer specializing in the management of cloud infrastructure, automation processes, and the optimization of CI/CD pipelines to enhance operational efficiency and drive project success. Seeking opportunities to leverage expertise in cloud technologies and DevOps practices within innovative organizations.

PROFILE SUMMARY

- Strategic DevOps Engineer with 4 years of experience architecting and executing end-to-end CI/CD pipelines, automating deployments, and optimizing cloud infrastructure to drive operational efficiency and ensure zero-downtime application delivery.

- Cloud & Containerization Specialist skilled in AWS, Kubernetes (EKS), Docker & Helm, orchestrating scalable, multi-region deployments with production-grade observability, automated health checks & intelligent auto-scaling for high-performance systems.

- Infrastructure Automation & Cost Optimization Expert proficient in Terraform, AWS CLI, and Bash scripting, delivering significant cost savings through infrastructure-as-code practices, resource fine-tuning and automated operational workflow.

- DevSecOps & Reliability Advocate with proven expertise in integrating security best practices into CI/CD pipelines, implementing proactive monitoring via Prometheus/Grafana, and leading rapid incident response to minimize business impact and enhance system resilience.

CORE COMPETENCIES

Cloud Infrastructure Management	Containerization Strategies
Continuous Integration and Delivery	Agile Development Practices
Automation and Scripting	Cross-Functional Team Collaboration
System Reliability Engineering	Performance Optimization Techniques
Infrastructure Monitoring	Security Best Practices in Cloud

TECHNICAL SKILLS

Cloud Platforms: Amazon Web Services (AWS): EC2, EKS, RDS, S3, VPC, IAM, CloudWatch, Lambda	**Monitoring & Observability:** Prometheus, Grafana, AWS CloudWatch
Containerization & Orchestration: Docker, Kubernetes (EKS), Helm	**Scripting & Automation:** Bash
Infrastructure as Code (IaC): Terraform, AWS CLI	**Version Control:** Git, GitHub
CI/CD & Automation: Jenkins, GitHub Actions	**Secrets & Credential Management:** AWS Secrets Manager

PROFESSIONAL EXPERIENCE

Devops Engineer: Jun'22 - Present

TGK Streamline Solutions, Chennai, Tamil Nadu

Clients: FoodChow (Canada – Food Delivery Platform), EdWisely (India – Education Technology Startup)

Domain: FoodTech (SaaS-Based Online Food Ordering & Delivery)

Key Result Areas:

- Designing & orchestrating end-to-end CI/CD pipelines using Jenkins, enabling automated builds, testing, and deployments for microservices, thereby optimizing operational throughput and deployment velocity.

- Containerizing and managing applications with Docker and Helm on AWS EKS, ensuring high-availability, consistent performance, and zero-downtime rollouts across multiple environments.

- Designing and implementing multi-region deployment strategies to scale services across diverse geographies, guaranteeing resilience, fault-tolerance, and seamless global expansion.

- Enabling Kubernetes pod auto-scaling based on CPU usage thresholds, ensuring consistent system performance during peak order volumes.

- Driving DevSecOps practices and incident response management, integrating security checks into pipelines, collaborating with development teams, and executing rapid rollbacks to maintain service continuity and minimize business impact.

Achievements:

- Engineered & deployed a high-performance CI/CD pipeline for FoodChow, reducing deployment time by 40% & ensuring reliable, automated releases.
- Orchestrated containerized deployments using Docker and Helm across multiple clients (FoodChow, Udaan Express, EdWisely), achieving consistent low-downtime rollouts and operational resilience.
- Optimized cloud infrastructure costs for Udaan Express by automating EC2 scheduling fine-tuning RDS utilization, delivering 20% cost savings.
- Designed and implemented production-grade monitoring dashboards with Prometheus and Grafana, decreasing incident response time by 35% and enhancing system observability.
- Employee of the Month at TGK Streamline Solutions for outstanding performance in project delivery and client satisfaction.

Application Support Engineer: May'21 – May'22
TGK Streamline Solutions, Chennai, Tamil Nadu
Client: Udaan Express (India – B2B E-commerce Logistics)
Domain: Logistics & E-commerce Fulfillment
Key Result Areas:

- Monitored & optimized backend APIs on AWS EC2, fine-tuning RDS queries to enhance system performance & scalability under high load.
- Automated cloud operations through Bash scripts for RDS backups, log rotation, and instance scheduling, reducing manual effort and operational risk.
- Migrated legacy deployments to Git-based triggers, improving deployment reliability and minimizing manual errors.
- Enforced cloud security best practices by auditing IAM roles and implementing least-privilege principles, safeguarding critical data.
- Streamlined observability and environment management, generating CloudWatch-based uptime reports and collaborating with QA to manage environment refreshes and rollback strategies.

EDUCATION

Bachelor of Engineering in Civil Engineering | Kumaraguru College of Technology, Coimbatore | 2020 | GPA: 7.10

PERSONAL DETAILS

Address: Chennai - 600056
Date of Birth: 06th December 1998
Languages Known: Tamil, English, Malayalam