

# Gopal Gautam

DevOps Engineer

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## SUMMARY

Results-driven DevOps Engineer with expertise in application deployment, infrastructure automation, and CI/CD pipeline management. Proficient in AWS, Kubernetes, Terraform, and monitoring tools such as Prometheus and Grafana. Proven success in optimizing costs (30–40% reduction) and boosting deployment efficiency. Passionate about scalable, secure infrastructure and driving operational excellence

## PROFESSIONAL EXPERIENCE

### DevOps Engineer

Aesthisia Datacenters Private Limited

02/2024 – 11/2025 | Gurgaon, India

- Deployed and managed containerized applications on AWS EKS and GCP Kubernetes Engine using Helm, achieving high availability and scalability
- Built and maintained CI/CD pipelines using GitHub Actions, GitLab CI, Concourse CI, Jenkins and Argo CD, automating build, test, deployment, and Kubernetes delivery workflows, and reducing release cycle time by ~25%.
- Implemented and maintained HashiCorp Vault with AWS IAM for secure secrets management.
- Provisioned and optimized multi-cloud infrastructure with Terraform, enhancing reliability, scalability, and cost efficiency
- Achieved 20–30% cost reduction by migrating workloads to AWS Fargate and optimizing cloud resource allocation
- Enhanced performance and uptime using AWS CloudFront, Auto Scaling, and network optimizations
- Monitored system health with Prometheus, Grafana, Fluent Bit, and proactively maintained 99.99% uptime

### DevOps Engineer (Intern)

Lalita Automation

10/2023 – 01/2024 | Bangalore, India

- Created separate development and production environments.
- Built containerized applications with Docker on cloud.
- Deployed application through Jenkins CI/CD pipeline.
- Integrated EMQX and Kafka for real-time IoT data streaming.
- Set up Prometheus and Grafana for monitoring with Slack alerts for downtimes.
- Used PostgreSQL database and utilized Bash script to take DB backup and cleanup.
- Optimized cloud resources, reducing infrastructure costs.

## EDUCATION

### Bachelor of Computer Applications (BCA)

Bon Maharaj Institute of Management and Technology

09/2019 – 07/2022 | Vrindavan, Uttar Pradesh

## CERTIFICATES

### AWS Certified Solutions Architect

Ducat, Noida

## SKILLS

- **Cloud Platforms:** AWS, Azure, GCP
- **Containerization:** Kubernetes, Docker, Helm
- **Networking:** Ingress, Istio, Nginx, Load Balancer
- **CI/CD Tools:** GitHub Actions, Gitlab CI, Concourse CI, Argo CD, Jenkins
- **Infrastructure as Code:** Terraform
- **Monitoring & Logging:** Prometheus, Grafana, Loki, CloudWatch, EFK Stack
- **Scripting:** Python, Bash
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Security:** HashiCorp Vault, SonarQube
- **Messaging & Tools:** Kafka, Git, EMQX
- **Operating Systems:** Linux, Windows

## PROJECTS

### Saba Hospitality

07/2025 – 11/2025

- Designed and managed GCP infrastructure using GKE, Cloud DNS, Compute Engine, Artifact Registry, Secret Manager, Certificate Manager, Cloud Storage, Service Accounts, and Load Balancing.
- Built GitHub Actions CI/CD pipelines to automate multi-stage Docker builds, image pushes, and GKE deployments using Helm across dev and prod environments.
- Implemented ExternalDNS for automated DNS management and provisioned complete infrastructure using Terraform (IaC).

### HelloTeam

08/2024 – 09/2025

- Provisioned and automated AWS infrastructure with Terraform, covering EKS, VPC, RDS, ElastiCache, Amazon MQ, and CloudFront.
- Deployed microservices on EKS Fargate with Helm charts, HPA, and health probes to ensure reliability, scalability, and self-healing.
- Built CI/CD pipelines with Concourse CI.
- Secured application data using HashiCorp Vault.
- Integrated logging with the EFK stack
- Managed traffic and application routing with CloudFront, Route 53, and Network Load Balancers (NLB) to ensure low latency, high availability.
- Implemented secure remote access to the entire infrastructure using OpenVPN, enabling private access to internal applications such as Concourse CI, JRepo, and Hashicorp Vault.

### Nandi.ai

07/2024 – 07/2024

- Created Dockerfiles and Kubernetes manifests for frontend/backend, deployed on GKE
- Implemented Keycloak for identity/access management, managed PostgreSQL on GCP
- Developed GitHub Actions workflows, configured application Ingress for traffic management