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).

Nandi.ai 🔗
05/2025 – 07/2025

- Created Dockerfiles and Kubernetes manifests for frontend and backend services, deployed on Azure Kubernetes Service (AKS)
- Implemented Azure AD / Azure AD B2C for identity and access management, with Azure Database for PostgreSQL as the managed database
- Built CI/CD pipelines using GitHub Actions, and configured Azure Application Gateway Ingress Controller (AGIC) for secure traffic routing and load balancing

HelloTeam 🔗
04/2024 – 05/2025

- Provisioned and automated AWS infrastructure using Terraform (EKS, VPC, RDS, ElastiCache, CloudFront)
- Deployed and managed microservices on EKS Fargate using Helm, HPA, and health checks
- Built CI/CD pipelines with Concourse CI and secured secrets using HashiCorp Vault
- Implemented centralized logging with the EFK stack and optimized traffic routing using CloudFront, Route 53, and NLB
- Enabled secure private access to internal tools via OpenVPN