

Govind Manoj

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CAREER OBJECTIVE

Aspiring DevOps Engineer with 3+ years of IT experience and hands-on expertise in CI/CD pipelines, cloud automation, and system monitoring. Skilled in AWS, Jenkins, Docker, Kubernetes, Terraform, and Ansible. Seeking a junior-level DevOps role to apply cloud and automation skills, streamline deployments, and enhance infrastructure reliability

KEY SKILLS

Cloud Platforms: AWS | **CI/CD Tools:** Jenkins | GitHub Actions | ArgoCD | **Containerization:** Docker | Kubernetes | **Monitoring & Observability:** Prometheus | Grafana | **Code Quality & Security:** SonarQube | JUnit | **Infrastructure as Code:** Terraform | AWS CloudFormation | **Configuration Management:** Ansible | **Version Control:** Git | GitHub | Bitbucket | **Scripting:** Bash | Python | **Build Tools:** Maven | NPM

WORK EXPERIENCE & INTERNSHIPS

Intellipaat | Remote Feb '25-Present

Cloud & DevOps Intern

- Designed and automated **AWS infrastructure** using **Terraform, CloudFormation, and Ansible**, ensuring secure and scalable deployments while reducing manual effort by 50%
- Built **CI/CD pipelines with Jenkins and GitHub Actions** for containerized microservices on **EKS**, cutting deployment time by 30% and improving reliability with optimized Docker images
- Implemented **monitoring and alerting with Prometheus & Grafana** and automated operational workflows using **Bash and Python**, enhancing system performance and incident response

PearlThoughts | Remote Jul '25-Aug '25

DevOps Engineer Intern

- Built and automated AWS infrastructure using **Terraform** and **GitHub Actions**, enabling CI/CD for faster deployments
- Containerized applications with **Docker** and deployed on **Amazon ECS (Fargate)** for scalability and high availability
- Integrated **Amazon ECR** for secure image storage and automated build-push workflows in the deployment pipeline

UST | Trivandrum Aug '21-Apr '25

Technical Implementation Analyst

- Designed and implemented **credit decisioning workflows in PowerCurve Originations (PCO)**, defining business rules to personalize offerings and improve loan processing speed by 35%
- Automated **PCO deployment using Jenkins CI/CD pipelines** into Kubernetes clusters, reducing manual deployment effort by 50% and increasing release reliability
- Utilized **Bitbucket for version control**, improving traceability and reducing change tracking efforts by 35%
- Collaborated with **DevOps, QA, and business teams** to ensure delivery quality and accelerate change cycles for core banking solutions

PROJECTS

End to End Devops Implementation - E-Commerce Microservice Project

- **Built a production-grade DevOps pipeline** using **AWS (EC2, EKS, IAM, Route 53), Terraform, Docker, Kubernetes, GitHub Actions, and Argo CD**, enabling full automation of infrastructure provisioning, containerization, and GitOps deployments
- **Implemented CI/CD with GitOps workflows** and integrated **SonarQube** for automated code quality checks, ensuring secure and efficient delivery of 20+ microservices on EKS
- **Achieved scalable, secure, and reliable deployments**, reducing manual intervention by 80%, improving release speed by 40%, and replicating real-world enterprise DevOps workflows

End to End Devops Implementation - 3 Tier User Management Application

- **Implemented a production-ready DevOps pipeline** using **Kubernetes, Jenkins, Docker, Helm, Prometheus, Grafana, and Slack**, enabling containerized deployment of a 3-tier User Management Application with secure HTTPS access
- **Configured CI/CD workflows** in Jenkins for both **Continuous Delivery and Continuous Deployment**, integrated Slack notifications for real-time pipeline status, and set up Prometheus/Grafana for proactive monitoring and observability
- **Achieved automated, scalable, and secure deployments**, reducing release time by 50%, ensuring 24/7 availability, and improving collaboration through integrated alerting and monitoring

Cloud Native Headless CMS Deployment

- **Provisioned AWS infrastructure with Terraform** (VPC, Subnets, ECS Cluster, ALB, Security Groups, ECR) to ensure automated, repeatable, and scalable environment setup
- **Deployed Strapi CMS on AWS ECS Fargate using Docker**, integrated with ALB for secure and fault-tolerant routing, and stored container images in Amazon ECR for version-controlled deployments
- **Implemented a CI/CD pipeline using GitHub Actions and AWS CodeDeploy (Blue/Green strategy)**, automating ECS Task Definition updates and achieving zero-downtime deployments with rollback safety

CERTIFICATIONS

- Completed **Executive Post Graduate Certification in Cloud Computing and DevOps** from iHUB DivyaSampark, IIT Roorkee & Intellipaat
- **Certified in Intellipaat Masters Program for DevOps**, demonstrating expertise in implementing DevOps practices and tools
- Successfully completed the **Intellipaat Masters Program in AWS**, earning certification

EDUCATION

SJCET Palai

Aug '17-Jul '21

B.TECH, Electronics & Communication Engineering