



## Govardhan A



DevOps Engineer



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### Professional Summary

- 3+ years of experience in DevOps, cloud infrastructure, automation, and scripting
- Proven ability to design, deploy, and manage highly available, fault tolerant, and secure cloud environments.
- Expertise in leveraging AWS services such as EC2, S3, RDS, ELB, and Cloud Formation
- Experienced in setting up and managing CI/CD pipelines, using tools such as Jenkins, Ansible, and Kubernetes
- Skilled in using monitoring tools such as ELK Stack, New Relic, and Splunk
- Ability to write and maintain Infrastructure as Code (IaC) scripts, using Terraform.

### Professional Experience

#### IDEYALABS TECH LLP April 2021 – Present

- Experienced DevOps Engineer with 3 years of experience managing and building systems within a distributed environment.
- Proven ability to develop, maintain, and optimize CI/CD pipelines for microservices.
- Skilled in leveraging a wide range of automation tools such as Jenkins, and Terraform

### Education

Bachelor of Engineering in Telecommunication,  
Vemana Institute of Technology at Bengaluru (August 2016 - August 2020)

### Key Skills

Category	Tools / Technologies
Build Tools	Maven, NPM
Scripting	Shell, Python (Automation, Monitoring)
CI/CD Tools	Jenkins, AWS Code Pipeline, TeamCity
Containerization	Docker
Container Orchestration	Docker Swarm, Kubernetes
Configuration Management	Ansible
Code Quality	SonarQube
Artifact Repository	Nexus
Infrastructure as Code	Terraform
Operating Systems	Windows, Linux
Cloud Services	AWS EC2, ELB, ASG, VPC, IAM, ECR, ECS, Lambda, API Gateway, SES, SNS, SFTP (AWS Transfer Family), RDS, MSK, CloudFormation, EKS



## Projects

### Project-1: Coyni (DevOps Engineer)

#### Summary:

Coyni serves as a platform enabling customers to load currency into their e-wallets using various payment methods, allowing instant transactions. This platform comprises Admin, Customer, and Merchant modules, offering a range of system administration, user management, transaction, and backend queue processing services.

#### Responsibilities:

- Set up AWS infrastructure for different environments like DEV, QA, STG, SAT, and UAT.
- Created AWS S3 buckets for Coyni resources and provided static web hosting for Merchant simulators.
- Developed separate Docker image repositories (ECR) based on distinct environments.
- Managed IAM roles, granting Docker image permissions, and configured aws-cli for image operations.
- Installed and configured PostgreSQL and MongoDB databases.
- Implemented Jenkins pipeline scripts for building and deploying Frontend and Backend services.
- Orchestrated deployments across various environments and authored ECS cluster deployment JSONs for advanced environments.
- Developed monitoring scripts for PostgreSQL, MongoDB, Redis, Zookeeper, and memory usage.
- Designed AWS Lambda functions and API-Gateway endpoints for serverless triggers.
- Established WAF web-acl for public resources and maintained ELK dashboards for microservices' logs.
- Managed ECS clusters for container orchestration and actively participated in team meetings.

### Project-2: Ferris (DevOps Engineer)

#### Summary:

Ferris, a multimedia broadcasting platform, necessitated an auto-update feature and a temporary testing environment due to its closed nature.

#### Responsibilities:

- Configured Team-City project stages and triggers for updating build registry services.
- Deployed deployment-agent services for detecting software updates in Ferris' targets.
- Created shell scripts using Vbox-Manage CLI to manage sandbox environments.
- Provided status updates via Jira ticketing.

### Project-3: Transact EU (DevOps Engineer)

#### Summary:

Transact EU, a payment gateway for European merchants, features a Frontend portal for transaction monitoring and management.

#### Responsibilities:

- Collaborated with the team to address merchant complaints and support investigations.
  - Contributed to database activities and deployed services using CloudFormation templates.
  - Monitored logs and infrastructure through Splunk, CloudWatch, and AWS SNS services.
  - Managed Java artifacts using Jenkins and facilitated merchant onboarding coordination.
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