

Govardhan A



DevOps Engineer



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- 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

- **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 Microservices Deployment

As a DevOps Engineer at Coyni, I spearheaded the microservices infrastructure and deployment pipelines. Employing tools like Maven, Bitbucket, and Jenkins, I streamlined the build and deployment processes for the platform's Admin, Customer, and Merchant modules. My responsibilities encompassed setting up AWS environments from DEV to PROD, establishing S3 buckets for resource storage and static web hosting, and configuring Individual ECR repositories for Docker images. Moreover, I handled database setups, authored Jenkins pipeline scripts, and orchestrated deployments across diverse environments.

Additionally, I designed scripts for monitoring services such as PostgreSQL, MongoDB, and more, monitoring resource usage and issuing notifications for irregular states. I contributed to security enhancements by configuring AWS WAF web-acl for higher environment resources to block unauthorized requests and maintained ELK dashboards for efficient log monitoring.

Project-2

Ferris Multimedia Services Automation

At Ferris, a multimedia broadcasting platform, I led automation efforts for update processes and created temporary testing environments using DevOps methodologies. This involved configuring Team-City projects for auto-update functionalities, deployment-agent services for software update detection, and developing shell scripts utilizing VBox-Manage CLI for sandbox testing environments. Additionally, I managed status updates using Jira ticketing.

Project-3

Transact EU Payment Gateway Maintenance

In Transact EU, a payment gateway platform, I collaborated with teams to address merchant issues, manage database updates, and deploy services across diverse environments using CloudFormation templates on AWS. Monitoring activities included Splunk for log monitoring, CloudWatch for infrastructure monitoring, and orchestrating Java artifact builds through Jenkins for CloudFormation deployments. Moreover, I oversaw merchant onboarding processes, ensuring IP whitelisting and SFTP setup for their utilization of Transact EU's gateway services.