

# Girish Burade

## DevOps/Cloud Engineer

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### PROFILE

I have four years of experience in building and managing CI/CD pipelines, automating infrastructure, improving system reliability, and reducing project costs. I work with tools like Docker, Terraform, and AWS to make workflows smoother and operations more efficient. I'm skilled at working with teams, adapting to changes, and creating scalable solutions to meet business needs.

### SKILLS

#### Cloud Technologies

EC2, VPC, S3, RDS, Aurora, ECS, Lambda, IAM, KMS/Encryption, Load Balancers, Linux, Designing, deploying, CI/CD, Code-Pipeline

#### Infrastructure as Code

Terraform

#### Cost Optimization

Identifying and implementing strategies to efficiently manage cloud spend and reduce operational costs.

#### Security & Compliance

Implementing robust security controls, managing access, and ensuring adherence to best practices for data protection.

#### Monitoring & Observability

CloudWatch, CloudWatch Dashboards, Uptime Kuma

#### Operating Systems

Linux

### PROJECTS

**SmartFlow / Jugaad**, *"Rebranded SmartFlow as Jugaad, inspired by the Indian concept of innovative solutions."*  
**jugaad (formerly SmartFlow) – Internal Workflow & Expense Automation Platform**

**Role:** DevOps / Cloud Engineer

**Tech Stack:** AWS (EC2, Lambda, S3), GitHub Actions, Terraform, Python, REST APIs, CI/CD, IAM, Uptime Kuma

- Developed a **paperless Jugaad Workflow System** to manage approvals, reporting, and notifications, reducing manual effort and increasing operational efficiency through automation.
- Implemented a **Digital Expense Settlement System** integrated with internal workflows to handle:
- Eliminated manual contract handling by integrating workflow logic, increasing process speed while ensuring security and auditability.
- Automated deployment pipelines using **GitHub Actions** and **Terraform** for infrastructure provisioning and configuration management on AWS.
- Set up **Uptime Kuma** to continuously monitor system health and service availability across environments (Dev, Staging, Production), enabling faster issue detection and resolution.
- Strengthened **Security & Compliance** by implementing robust IAM-based access controls, enforcing least privilege, and using **AWS Config** to continuously monitor resource compliance and detect drifts from security baselines.
- Ensured adherence to internal data protection policies and industry best practices by automating compliance checks, maintaining detailed audit trails, and integrating secure API authentication patterns across workflows.

## PROFESSIONAL EXPERIENCE

### **DevOps Engineer, Thinkbiz Technology Pvt Ltd**

02/2021 – Present  
Ahmedabad, India



- Engineered comprehensive monitoring and alerting systems using Amazon CloudWatch (dashboards, alarms) and Uptime Kuma. Integrated these with Microsoft Teams to provide real-time notifications, significantly improving system visibility and uptime in production environments.
- Drove significant cloud cost optimization, leveraging AWS Budgets, Cost Explorer, Cost Anomaly Detection, and Cost Optimization Hub. Efforts included setting spending limits, ensuring timely alerts for threshold breaches, optimizing storage resources, and providing accurate project cost estimations.
- Designed and managed robust CI/CD pipelines using GitLab CI/CD and Docker, automating build, test, and deployment processes on AWS ECS clusters. This streamlined development workflows and accelerated deployment frequency.
- Led critical database migrations and upgrades:
- Orchestrated end-to-end project development lifecycles across multiple development environments (Dev, Staging, Production), ensuring seamless deployment of new features and enhancements.
- Ensured continuous AWS resource compliance and security posture by proficiently utilizing AWS Config for effective monitoring and managing configurations.
- Developed and implemented a comprehensive security checklist for all environments, automating vulnerability checks through efficient shell scripting.
- Managed complex cloud account migrations from assessment to post-migration optimization, ensuring smooth transitions and minimal disruptions.
- Analyzed diverse customer requirements and devised tailored, scalable solutions leveraging a wide array of AWS services (e.g., EC2, VPC, S3, Lambda) to meet specific business needs.
- Collaborated cross-functional teams to propose innovative technical solutions and translate business objectives into scalable AWS architectures, fostering synergy and driving successful project delivery.

### **Cloud Engineer (AWS), Genericure**

03/2019 – 02/2021  
Nagpur, India

- Design and implementation for the Genericure web application, ensuring robust infrastructure to support scalable and reliable operations
- Initiating and setting up projects on AWS.
- cost optimization and infrastructure management
- Adhere to security best practices and optimize performance
- Effective troubleshooting and documentation.
- Conducted troubleshooting and monitoring of network performance to promptly identify and resolve issues.

## CERTIFICATES

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| • AWS Certified Solutions Architect - Associate. ID_No: 531d5ef04b1146b1b45c610867698647  | • AWS Cloud Practitioner ID_No:- oSY6595CYF411P5M  | • CCNA |
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