

Jaimin Gosai

DevOps Tech Lead

Total Experience: 10+ Years

Roles & Responsibilities

- Over 10+ years of IT experience as a DevOps Engineer in automating, building, deploying and releasing of code from one environment to another environment
- Efficient in working closely with teams to ensure high quality and timely build and release process
- Knowledge of major cloud service providers, like AWS, GCP, Azure, DigitalOcean etc.
- Hands-on knowledge of software containerization platforms like Docker and container orchestration tools like Kubernetes and Docker Swarm
- Good understanding of Infrastructure as Code, and how you can achieve that by using tools like AWS Cloudformation, Terraform, Ansible etc.
- Experience with automated deployment environments.
- Proficient in Linux operating system and shell scripting
- Setup and configure and Logstash/Kibana to monitor all provisioning logs
- Knowledge of Mysql Database management system
- Good knowledge of web servers like Apache, nginx etc.
- Used Ansible-Playbook to automate build/setup LAMP Stack and manage 100+ Cloud and on-prem servers
- Good hands-on knowledge of Source Code Management (Version Control System) tools like Git and SVN

- Proficient in developing Continuous Integration/ Delivery pipelines using AWS Codepipeline and Jenkins
- Provisioning and managing AWS MSK(Kafka) clusters
- Hands on experience with industry leading server monitoring tools.

Technical Skills

- Operating System: Ubuntu, RedHat, and CentOS
- Cloud Infrastructure: AWS: EC2, S3, IAM, VPC, RDS,Cloud Formation, Cloud Trail, SQS, Route53, Elasticache, , SSM, Cloudfront, Cloudwatch, Auto scaling, Load balancing, DynamoDB, CodeCommit,CodeBuild, CodeDeploy, CodePipeline
- Other Cloud Services: GCP, Azure Cloud, DigitalOcean
- CI Tools:AWS CodeBuild, Jenkins, Github Actions, GitlabCI, Bitbucket Pipelines
- Databases: AWS RDS, MySQL, MongoDB, MariaDB, DynamoDB
- CD Tools: AWS CodeDeploy, Docker, Kubernetes
- Automation Tools: AWS CodePipeline, Terraform, Ansible
- Version Control Tool: GIT, SVN, Github, Gitlab
- Monitoring tools: ELK stack, Grafana, Prometheus, Loki
- Web Servers: Nginx, Apache, Tomcat, JBoss
- Applications: Odoo, Magento, Laravel, Wordpress, NodeJS, Django, React

Education

- Master of Science in Information and Technology

Certificates

- Certified Kubernetes Administrator
- AWS Certified Developer Associate
- AWS Certified Solutions Architect Associate

- Red Hat Certified System Administrator
- CompTIA Network+
- CompTIA Strata
- EC-Council CSCU (Certified Secure Computer User)
- Red Hat Certified Engineer Training
- Certified Ethical Hacker Training

Projects and Roles

- Project : MFC

Position / Roles and Responsibility: Sr. DevOps Engineer

Project Description:

- The application uses ECS, Load Balancer, Containers, NAT Gateway, VPC. All AWS configuration is created through AWS CDK using Typescript.
- Entire cloudformation template gets crafted by AWS CDK only.
- Application deployment has been done by GitHub actions, AWS CI/CD pipeline and CloudFormation template.
- Here we handle 4 different AWS accounts under one organization account to handle Billing, Stack Formation, CI/CD, Stage account and Production account in different environments with decentralized architecture.

- Project : FitLab

Position / Roles and Responsibility: Sr. DevOps Engineer

Project Description:

- The application uses serverless microservices pattern for service development, specifically AWS Lambda and AWS SAM. All AWS configuration will be managed through CloudFormation templates.
- Application deployment has been done by GitHub actions, AWS CI/CD pipeline and CloudFormation template.

- GitHub actions manages deployment into various AWS accounts based on tag creation.

- Project : Scrubs & Beyonds

Position / Roles and Responsibility: DevOps Tech Lead

Project Description:

- Manages AWS architecture deployment through terraform
- Manage deployment configuration through ansible
- Prepare ansible playbooks and terraform files for routine operations

- Project : USA-BMX

Position / Roles and Responsibility: DevOps Tech Lead

Project Description:

- We have setup an automated build process using AWS codepipeline, codebuild, and codedeploy.
- After a user pushes changes to a git repository, codepipeline will be triggered by such changes and begin building the backend application. Once the build has been successfully generated, it will be stored on an S3 bucket for later use. Then, using AWS CodeDeploy takes a zip file of the most recent build and pushes it on an EC2 server with predefined build steps, such as BeforeInstall, Install, StopApplication, StartApplication, DownloadSource, etc.

- Project : Pineapple

Position / Roles and Responsibility: Sr. DevOps Engineer

Project Description:

- Configure pipeline to send application logs to AWS Cloudwatch
- ReactJS application deployment using an AWS CI/CD pipeline to multiple environments S3 buckets

- Project : YIDcards

Position / Roles and Responsibility: Sr. DevOps Engineer

Project Description:

- Jenkins has been used to automate the development of admin, front-end, and back-end APIs. Jenkins will trigger jobs from the appropriate branch of the git repository when new changes are reflected on the server.

- Role : Cloud Engineer

Role Description:

- Managing Cloud infrastructure services on AWS, GCP and Azure cloud
- Experience with Infrastructure provisioning tool like Terraform, Packer
- Experience with Serverless containerised applications deployment with auto scaling on AWS Fargate
- Experience with Serverless Frontend and Backend applications with CI/CD deployment on Google Cloud run
- Managing GPU kubernetes cluster on GCP
- Reduced AWS bill by 60% through cost optimization by using
- ProxySQL into the architecture, which helps minimizing database Connections

- Role : Senior Server Administrator

Role Description:

- Managing 50+ servers in a distributed and highly available critical infrastructure
- Setup Magento/Open-Source applications with required tools via the docker-compose file

- Created load balancer/Auto scaling and used Route53 with failover and latency options for high availability and fault tolerance Applications
- Administrating and extensive experience with AWS, Google, Azure DevOps & Dedicated Servers
- Setup CI/CD pipelines for Angular and PHP applications with Azure DevOps
- Deploy PHP and Django applications on the Heroku Platform
- Setup/Managing Web Application Firewall Tools(WAF, Cloudflare, Apache Mod security) to prevent websites from DDoS, SQL injections and XSSscripting
- Configured Jenkins tools to check Android and PHP source code Quality and provide reports to the Email
- Auto build APK files for multiple environments through Jenkins
- Setup/Managing CDN on Amazon CloudFront (Origin Path: EC2 DNS / Load Balancer) to improve website performance
- Monitoring servers through Amazon CloudWatch, Nagios and Zabbix
- Setup Azure DevOps pipeline to deploy PHP and Django applications on Heroku