

## SUPRIYA GOWRA

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 Bangalore, KA

### Professional Summary

- Having 4+ years of experience in the field of DevOps Engineer in application configurations, code compilation, packaging, building, automating managing and releasing code from one environment to other and deploying servers.
- Used shell scripts to day-to-day activities and tasks for automating.
- Utilized Git for version control to efficiently manage code changes, create branches, and merge features across the development team.
- Managed project dependencies using Maven, ensuring consistent and reliable builds for Java-based applications.
- Utilized Docker to containerize applications, enabling consistent deployment across different environments.
- Created Helm charts to define Kubernetes deployments, simplifying application installations and upgrades.
- Set up Prometheus to collect and store application and system metrics, enabling real-time monitoring and alerting.
- Developed Grafana dashboards to visualize Prometheus metrics, providing insights into application performance.
- Configured Nexus as a private artifact repository, facilitating secure storage and efficient distribution of build artifacts.
- Integrated AWS services (EC2, S3, RDS, Lambda) to design and manage scalable cloud infrastructures.
- Developed custom Terraform modules for infrastructure standardization.
- Proficient in Terraform for Infrastructure as Code (IaC) across multiple cloud platforms.
- Integrated Jenkins with Git repositories, enabling automated builds and tests upon code changes.
- Integrated Jenkins with SonarQube for automated code analysis, enforcing code quality standards and identifying issues.
- Utilized Jira for issue tracking and agile project management, ensuring smooth collaboration between teams.
- Utilized Confluence to document processes, runbooks, and project details, facilitating knowledge sharing among team members.
- Utilized AWS CloudWatch for monitoring AWS resources, enabling proactive identification of performance issues.
- Conducted automated security scans using SonarQube and integrated security checks into CI/CD pipelines to ensure application security.

### Academic Qualification:

Graduated in B.zc  
Sreenivasa Degree College

Jun 2016 – Jul 2019  
Kalikiri, IN

**Technical Skills:**

<b>Version Control</b>	GIT,GitHub and BitBucket
<b>Operating Systems</b>	Windows, Linux
<b>Scripting</b>	Shell Scripting ,Python,Groovy
<b>Build Tools</b>	Maven
<b>Configuration Management</b>	Ansible
<b>Infrastructure as a code</b>	Terraform
<b>Application Server</b>	nginx
<b>Continuous Integration Tools</b>	Jenkins
<b>Cloud Environment</b>	AWS,GCP
<b>Code quality</b>	Sonarqube
<b>Bug Tracking Tool</b>	Jira
<b>Deployment Tools</b>	Kubernetes, Docker
<b>Artifact Management Tool</b>	Nexus,s3
<b>AWS Services</b>	Ec2,IAM,RDS,code commit,code build,Route53,code pipeline,VPC,Lambda,SNS,Cloudwatch,Secrets manager,SNS

**Professional Experience:****Project #3**

Worked as a **Senior DevOps Engineer** at **Infosys Ltd** from Sept 2024 from October 2025.

<b>Role</b>	Senior DevOps Engineer
<b>Environment</b>	Jenkins, Docker, Kubernetes, Git, Github, Sonarqube, AWS Cloud, Nginx, python , shell script

- Managed Git branches (dev, UAT, prod), created PR, and resolved Git-related issues by reverting to previous versions.
- Created webhooks in Git and automated deployment strategy using Jenkins.
- Created Jenkins pipeline scripts for different projects and deployed them to various environments.
- Installed required plugins in Jenkins and troubleshoot Jenkins-related issues.
- Wrote Dockerfiles, created Docker images, and pushed them to ECR repositories.
- Created and managed EKS clusters, deployed Docker images, and resolved container and network issues.
- Worked closely with developers to troubleshoot deployment issues and provide application access.
- Created DNS names in Route53, generated SSL certificates, and enabled access through domain names.
- Provided IAM access to new employees and conducted KT sessions for junior team members.
- Created S3 buckets, configured log folder access for developers, and monitored application logs.
- Automated repetitive tasks using shell scripts.
- Used CloudWatch to monitor CPU and disk utilization and created alerts for threshold breaches.
- Worked daily with AWS services like EC2, VPC, ALB, Route53, SSM, SG, route tables, NAT, IG, Billing Dashboard, CloudWatch, and Lambda.
- Automated infrastructure provisioning using Terraform, created reusable modules, and stored state files in S3.
- Managed disaster recovery and ensured minimal downtime to regain infrastructure.
- Created AWS Organization and managed dedicated applications for demo purposes.
- Led the DevOps team and provided guidance to resolve issues.

- Automated running applications using systemd functions.
- Deployed Python and frontend applications and integrated them with backend services.
- Configured VPN using OpenVPN and restricted access to internal environments.

## Project#2

Worked as **DevOps Engineer** at **Infosys Ltd** Bangalore from Jun 2023 to Sept 2024.

<b>Project Name</b>	BOFA
<b>Client</b>	Infosys
<b>Role</b>	DevOps Engineer
<b>Environment</b>	Maven, GIT, Jenkins, Shell Scripting, Tomcat, Linux, AWS Cloud, Jira, Docker, Kubernetes, Sonarqube, Terraform

**Project Description:** Bank of America (BOFA) Application Deployment and Continuous Integration Project

In this project, we aimed to streamline the deployment process and improve the overall efficiency of the Bank of America (BOFA) application using various DevOps tools and technologies. The primary focus was on implementing continuous integration and continuous deployment (CI/CD) pipelines while ensuring the security, reliability, and scalability of the application on an AWS cloud infrastructure.

### Roles and Responsibilities:

- **Implemented AWS Identity and Access Management (IAM)** by creating and managing users, groups, and roles with least-privilege permission policies, ensuring secure access control.
- **Automated infrastructure provisioning** using Terraform, improving deployment speed and consistency.
- **Maintained tagging compliance** across all AWS resources for better organization, cost tracking, and management.
- **Analyzed resource utilization metrics** (CPU, memory) to ensure efficient cloud resource usage and scalability.
- **Automated infrastructure management** and provisioning with Terraform to ensure consistency and efficiency.
- Implemented and managed Kubernetes clusters on **AWS EKS**, ensuring optimal scalability and performance.
- Attended weekly scrum meetings, actively communicating the status of critical issues, and providing updates on bug fixes and other high-priority tasks.
- **Designed and deployed AWS infrastructure** leveraging services like VPC, EC2, S3, IAM, EBS, Auto Scaling, RDS, CloudWatch, Security Groups, and more to meet application and business requirements.

## Project#1

Worked as **DevOps Engineer** at **Infosys Ltd** ,Bangalore from April 2021 to May 2023 .

<b>Project Name</b>	HSBC
<b>Client</b>	Infosys
<b>Role</b>	DevOps Engineer
<b>Environment</b>	Maven, GIT, Jenkins, Shell Scripting, Tomcat, Linux , AWS, Docker, Java, ,Nexus, SonarQube, Kubernetes, Bitbucket, Ansible

### Roles and Responsibilities:

#### AWS and Cloud Infrastructure:

- **Proficient in AWS Services** including EC2, EKS, Elastic Load Balancers, ALB, S3, EBS, RDS, VPC, Route53, CloudWatch, CloudTrail, and IAM.

- **Managed and provisioned AWS infrastructure** for Dev, Stage, and Production environments using automation techniques.
- **Networking Configuration and Debugging:** Configured AWS Security Groups as virtual firewalls to control inbound and outbound traffic for EC2 instances, ensuring secure access. Skilled in debugging networking issues related to ELB, NACLs, and NAT gateways.
- **Terraform Integration:** have worked with Terraform to provision and manage AWS infrastructure in various environments, ensuring consistent and repeatable infrastructure deployments.
- **Cost Optimization:** Have been involved in cost-saving initiatives or optimizing infrastructure resources in AWS.
- **Cloud Security:** Also worked with IAM, security groups, or encryption to secure infrastructure for the application teams in AWS.

#### Docker and Kubernetes:

- **Utilized Docker and Kubernetes** for managing, scaling, and updating containers, improving automation and operational efficiency.
- **Built and deployed Docker images** into Kubernetes EKS clusters as Deployment Sets and Replica Sets ensuring reliable application delivery.
- Implemented **ConfigMaps** and **Secrets** to manage application configurations and sensitive information securely within the Kubernetes environment.
- **Created and managed the AWS Load Balancer Controller** to facilitate seamless integration with Kubernetes services, enhancing load balancing capabilities.
- Ensured pod scalability by utilizing the **Horizontal Pod Autoscaler** to dynamically adjust the number of Pods based on resource utilization and demand.

#### DevOps and Automation:

- **Worked on CI/CD pipelines** using Jenkins, supporting automated builds, testing, and deployments for multiple environments.
- **Release Management:** Familiar with supporting daily release builds and deployments, with knowledge of debugging issues related to infrastructure, services, and deployments to ensure smooth operations.

#### Version Control and Collaboration:

- **Applied best practices in GIT source control**, establishing appropriate branching strategies for managing day-to-day code changes.
- **Collaborated with cross-functional** teams and participated in client discussions to resolve critical and priority bugs.
- **Attended weekly scrum meetings**, actively communicating the status of critical issues, and providing updates on bug fixes and other high-priority tasks.

#### Incident Management and Troubleshooting:

- **Handled P1 incidents**, debugging and resolving critical user issues in production environments to ensure minimal downtime.

#### Declaration

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

#### Date:

Place: Bangalore

(SUPRIYA GOWRA)