

P. B Sai Surya Teja

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PROFILE SUMMARY:

- ❖ Over 5.3 years of overall IT experience with 4.3 years dedicated to DevOps and Site Reliability Engineering, specializing in Linux and Windows environments.
- ❖ Proven expertise in implementing end-to-end DevOps strategies and cloud solutions leveraging AWS services to enhance operational efficiency and scalability.
- ❖ Skilled in source code management using Git, including advanced branching and merging techniques aligned with Agile methodologies.
- ❖ Extensive hands-on experience with build automation tools such as Maven for creating deployable artifacts and resolving build-related issues.
- ❖ Proficient in designing and managing CI/CD pipelines using Jenkins, GitLab CI/CD, and Argo CD, integrated with various testing and deployment tools.
- ❖ Experienced in configuration management using Ansible for automated provisioning and management of server infrastructure.
- ❖ Strong knowledge of Infrastructure as Code (IaC) with Terraform for reliable and repeatable cloud infrastructure deployments.
- ❖ Expertise in containerization technologies including Docker and Kubernetes, with experience deploying and managing scalable containerized applications.
- ❖ Well-versed in AWS cloud services including EC2, S3, VPC, IAM, Auto Scaling, Load Balancers, CloudWatch monitoring, and security best practices.
- ❖ Capable of monitoring, troubleshooting, and optimizing applications and infrastructure performance using observability tools and cloud-native services.

EDUCATIONAL QUALIFICATION:

- ❖ B.Tech (Electronics & Communication Engineering) from Sasi Institute Of Technology and Engineering in 2018.

TECHNICAL SKILLS:

Version control	: GIT, Git hub
CI/CD Tools	: Jenkins, GitLab CI/CD, Argo CD
Configuration Management	: Ansible
Cloud Platforms	: AWS
Infrastructure as code	: Terraform
Containers & Orchestration	: Docker, Kubernetes, Helm
Operating systems	: Linux, Windows
Monitoring tools	: Prometheus, Grafana, Cloud watch
Project Management & Tracking	: Jira

PROFESSIONAL EXPERIENCE:

- ❖ Worked as a **Site Reliability Engineer** with **Infracloud Technologies** from December 2023 to March 2025.
- ❖ Worked as a **DevOps Engineer** with **Techies Infotech Pvt Ltd** from October 2019 to November 2023.

InfraCloud Technologies Pvt Ltd

Project: Elsa

- Designed and implemented scalable, secure AWS infrastructure using Terraform, including VPCs, subnets, EC2 instances, IAM policies, RDS, and S3, aligned with best practices.
- Developed reusable Terraform modules to accelerate infrastructure provisioning and enforce security and compliance standards across multiple environments.
- Automated CI/CD pipelines with GitLab for provisioning infrastructure and deploying microservices, enabling faster and more reliable releases.
- Deployed containerized workloads to Amazon EKS using Helm and Argo CD, achieving GitOps-based deployment workflows with automated sync and rollback mechanisms.
- Implemented monitoring using Prometheus and Grafana for visibility into infrastructure and application performance, integrating alerts with Slack for real-time incident response.
- Worked closely with developers to troubleshoot deployment issues, optimize Kubernetes manifests, and ensure smooth rollouts with zero downtime.
- Have Knowledge in writing Kubernetes Yaml files for deployment as pods into Kubernetes cluster (EKS)

Techies Infotech Pvt Ltd

Project 1: Macy Online Retail Store

- Developed CI/CD pipelines using Git, Maven, Jenkins, Nexus, and Docker.
- Automated application deployments across Development, QA, and Pre-Production stages.
- Configured Jenkins with plugins for testing, artifact management, and continuous delivery.
- Experience with container-based deployments using Docker, working with Docker images, Docker hub, and Docker registries.
- Performed vulnerability scanning of Docker images using Trivy before deployment.
- Managed AWS EC2 instances and IAM roles to maintain security standards.
- Monitored the logs using Grafana to fix problems.
- Used AWS CloudWatch and custom metrics for monitoring EC2-based workloads and application health
- Maintained the JIRA for project tracking and defect management

Project 2: Healthcare System

- Collaborated with developers to troubleshoot build failures and optimize deployment workflows.
- Maintained Git repositories for version control and source code management.
- Set up Kubernetes clusters and deployed containerized applications.
- Provisioned AWS EC2 instances and defined IAM policies for role-based access control.
- Implemented continuous delivery pipelines for QA and Production environments.
- Set up CI/CD pipelines using GitLab CI to automate application testing, security scanning, and promotion.
- Built custom Grafana dashboards for system health, node metrics, and application error rates.