BHASKAR SABAVATH



**FUNCTIONAL SKILLS**

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CI/CD Pipeline Construction

Cloud Infrastructure Management System Auditing

Security Implementation Documentation

Process Standardization Technical Support & Training Scripting for Automation Cloud Service Configuration

Load Balancing and Auto-scaling Containerization & Orchestration Continuous Integration Practices Deployment Automation

System Performance Monitoring

Network

Management

Configuration

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* Version Control & Code Management

**TECHNICAL SKILLS**

**Cloud Platforms:**

* AWS (EC2, S3, IAM, VPC)
* **Containers and Orchestration**
* Docker
* Kubernetes

**CI/CD Tools**

* Jenkins
* Nexus
* Maven
* SonarQube

**Scripting and Automation**

* Bash scripting
* Ansible playbooks

**Monitoring Tools**

* Prometheus
* Grafana
* Splunk
* DataDog

**Security Tools**

* OWASP
* Trivy

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**Date of Birth:** 27-01-2000 **Nationality:** Indian

# PROFILE SNAPSHOT

* Dynamic DevOps Engineer with 5 years of robust experience in automating deployment processes, optimizing CI/CD pipelines, and managing cloud-based infrastructures using AWS and Terraform
* Proficient in integrating security practices within the deployment cycle to maintain compliance with industry standards
* Skilled in enhancing operational efficiency by automating routine tasks and reducing manual interventions
* Demonstrated capability in leading cross-functional teams to streamline deployment strategies and accelerate product time-to-market
* Adept at implementing scalable and efficient cloud solutions to improve system reliability and performance
* Experienced in providing comprehensive documentation and technical support, fostering an environment of continuous improvement and learning

# PROFESSIONAL EXPERIENCE

**DevOps Engineer | Infosys, India Jan 2020 – Jan 2022**

## Project 1: Coca Cola Lucas Distributed Order Management System

* Integrated Bitbucket for version control, enabling seamless pull requests, code updates, and commits.
* Designed and managed Jenkins pipelines for automated builds, static code analysis and packaging.
* Implemented static code analysis to identify and resolve issues before code packaging.
* Stored and retrieved code packages in Nexus for versioning and consistency.
* Built Docker images from code packages and pushed them to Nexus for Deployment.
* Deployed applications using Helm charts on Kubernetes clusters for smooth rollouts.
* Integrated monitoring and logging tools to capture post-deployment logs and ensure system health.
* **Tech-stack:** Git , Jenkins, Nexus, Docker, Kubernetes, Prometheus and Grafana

**Senior DevOps Engineer | Infosys, India Jan 2022 - Ongoing**

## Project 2: Chobani Private Limited

* Spearheaded automation of deployment processes using Jenkins, incorporating integration with Git, Maven, Nexus, and Tomcat to streamline continuous integration and deployment.
* Managed cloud-based resources on AWS, implementing services such as EC2, S3, IAM, and VPCs; orchestrated infrastructure management using Terraform for high scalability and reliability.
* Instituted robust backup and recovery protocols for databases and application code, safeguarding against data loss and facilitating quick recovery and staging/testing environments.
* Regularly updated and maintained technical documentation on Confluence to ensure best practices and daily tasks are well-communicated and accessible.
* **Tech-stack:** AWS Cloud Services, Git, SonarQube, Maven, Jenkins, Nexus, Tomcat

## Project 3: The Kraft Heinz Company

**Version Control**

Git GitHub Bitbucket

**Operating Systems**

Linux (RedHat)

* Designed and executed end-to-end CI/CD pipelines with Jenkins, facilitating automated builds, tests, and deployments across multiple stages including code checkout, quality assurance, and production.
* Deployed applications using Docker and Kubernetes, ensuring efficient scaling and management of containerized applications; integrated security practices including OWASP standards and Trivy for container scanning.
* Configured Prometheus and Grafana for advanced monitoring and visualization of application performance metrics; employed Splunk for comprehensive analysis and logging of pipeline operations.
* Enhanced team collaboration and project visibility by integrating real-time updates through Slack with Jenkins, improving communication and response times across development teams.
* **Tech-stack:** Git, GitHub, Jenkins, Docker, Kubernetes, Terraform, Trivy, OWASP, Bash scripting

# EDUCATION

* **Bachelor of Technology,** Jawaharlal Nehru Technological University Hyderabad (JNTUH), India, 2020
* **Diploma in Engineering**, State Board Of Technical Education & Training (SBTET), India, 2017