**Nishal K**

Mittoor, Rangareddy street, Chittoor, Andhra Pradesh, India, 517001.  
Mob : +91 7842316141 | Email : [nishalk9399@gmail.com](mailto:nishalk9399@gmail.com)   
LinkedIn Profile : [linkedin.com/in/nishalk939/](https://www.linkedin.com/in/nishalk939/)

### Professional Summary

Goal oriented DevOps and Cloud Engineer with 3.9 years of experience in driving innovation, specialized in building and optimizing CI/CD pipelines, infrastructure automation, and efficient cloud deployments. Expert in **Jenkins** (Pipelines), **Nexus**, **Ansible** (YAML scripting), and **GitHub**. Skilled in managing **Linux** environment, with experience in **NodeJs** and **Java-based applications**. Proficient in containerized deployment across **AWS,** and **Docker and Kubernetes**, **Helm** and skilled in DevSecOps tools integration. Strong problem-solving abilities, with a focus on continuous improvement and collaboration.

### Core Competencies

| **Category** | **Skills** |
| --- | --- |
| **CI/CD & Automation** | Jenkins, Maven, SonarQube, Nexus |
| **Scripting & Development** | Shell/Bash scripting |
| **Infrastructure Automation** | Terraform |
| **Configuration Management** | Ansible |
| **Containerization & Orchestration** | Docker, Kubernetes, Helm |
| **Cloud Platforms** | Amazon Web Services (AWS) |
| **Version Control** | Git, GitHub, GitLab |
| **Operating Systems** | Linux (CentOS, Amazon Linux) |
| **Collaboration Tools** | Jira Cloud |
| **Monitoring & Observability** | Prometheus, Grafana, ELK Stack, Dynatrace, Splunk cloud, Splunk Observability |

### Professional Experience

**SRE & DevOps Engineer**   
Infosys Limited | Chennai, Tamil nadu **April 2025 – Present**  
Client: Nuskin (cosmetic-Ecommerce)

* **CI/CD Pipeline Management**: Developed and managed complex CI/CD pipelines for code based applications using **Jenkins** and **Nexus**, improving deployment efficiency by 40%.
* **End-to-End Application Onboarding**: Led the onboarding of applications to the pipeline, including **Jenkins master/slave configuration**, automating end-to-end processes for smoother deployments.
* **Infrastructure Automation**: Automated configuration management and server provisioning using **Ansible** (YAML), reducing manual intervention by 60%, Implemented **Infrastructure as Code (IaC)** using **Terraform**, enabling automated resource provisioning and configuration across multiple **AWS** environments. Automating the CDN (Fastly) services by using terraform
* **Cloud Services**: Developed and implemented **AWS-based infrastructure**, leveraging services like **EC2, RDS, S3, IAM, Load balancing Autoscaling and EKS** for cloud resource provisioning and management.
* **OS Administration:** Administered and Collaborated with Linux-based systems (CentOS, AWS Linux), including user management, package management, service management, network management, and disk management, **Shell scripting** to perform routine tasks

**DevOps Engineer**  
Tech Mahindra Ltd | Chennai, Tamil nadu **December 2021 – April 2025**   
Client: CelcomDigi, Malaysia

* **DevOps Tools Administration**: Conducted administrative activities for **Maven**, **Jenkins, Nexus, and Ansible**, including installation, configuration, and troubleshooting for enhanced operational efficiency.
* **Container-Based Deployment**: Streamlined application deployments on **AWS,** using **Docker** and **Kubernetes**, ensuring scalability and quick adaptability with packaged deployments using **Helm** maintained high availability for microservices-based environments.
* **Version control management**: Collaborated in a cross-functional team to improve **Git** workflows, introducing a comprehensive branching strategy that reduced merge conflicts by 40% and improved overall development efficiency.
* **Issue Analysis and Problem Solving**: Provided root cause analysis and remediation for pipeline failures, minimizing downtime and improving developer productivity.
* **Pipeline Management**: Integrated **SonarQube** and **JUnit** with Jenkins CI/CD pipelines, ensuring robust quality checks and increasing build reliability from 80% to 95%.
* **Monitoring and Logging Validations**: Analyzed monitoring and alerting systems using **Dynatrace** and **NagiosLogServer**, **ELK Stack** providing real-time operational insights and reducing incident response time by 25%.
* **Research & Development**: Continuously evaluated and integrated DevSecOps tools and practices into pipelines, enhancing security posture and efficiency across the SDLC.

**Key Achievements**:

* Led initiatives for continuous improvement in cloud operations, contributing to **customer satisfaction** improvements for multiple teams.
* Achieved 99.9% uptime for critical applications with proactive monitoring and alerting via **Prometheus** and **Grafana**.
* Enhanced security and compliance by integrating DevSecOps practices and tools across environments.
* Led end-to-end **NetScaler upgrade**, successfully executing the project as part of a vulnerability remediation initiative, ensuring full compliance and system stability post-upgrade
* Successfully performed a Tomcat upgrade across 230 Java-based application servers to remediate identified vulnerabilities. Received client appreciation for the timely and effective execution

### Education 2018 – 2021

**Bachelor of Technology in Electrical and Electronics Engineering**   
Sreenivasa Institute Of Technology And Management Studies, Chittoor, A.P | 80%**Certifications**

* Azure certified fundamentals (AZ-900)
* AWS Cloud Practitioner Essentials (CLF-C02)
* AWS Certified Solutions Architect Associate (SAA C03)