

# Asha Sravani Kolli

## DevOps Engineer

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## PROFESSIONAL SUMMARY

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DevOps Engineer with 2.4 years of hands-on experience in CI/CD pipelines, infrastructure automation, and cloud-based deployments. Skilled in Jenkins, Docker, Kubernetes, Terraform, and AWS. Strong focus on improving system reliability, automating workflows, and enabling smooth collaboration across development and operations teams to deliver efficient and scalable solutions.

## SKILL SET

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- **Operating Systems:** Linux, windows, Red hat
- **Version Control:** Git, Git Hub
- **CI/CD Tools:** Jenkins
- **Build Tools:** Maven
- **Artifact Repository & code quality:** Nexus ,SonarQube
- **Containerization & Orchestration:** Docker, Kubernetes
- **IaC & Configuration Management :** Terraform, Ansible
- **AWS Cloud Platforms:** EC2, VPC, ELB, S3, IAM, CloudWatch, Route53, CloudTrail, CloudFront, EBS, EFS, Lambda, DynamoDB, MySQL, ELB, RDS
- **Monitoring & Logging:** Prometheus, Grafana, Cloud watch
- **Scripting Languages:** Python, shell script, bash

## EDUCATION

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Bachelor of Technology (B.Tech) in Computer Science & Engineering JNTUK |2023

## PROJECT EXPERIENCE

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**Project Name:** Web Based Agent Commission Calculation

**Organization :-** Yash Technologies

**Client:** Nuffield Health

**Role:**DevOps Engineer

**Duration:** Aug 2023 - Present

**Environment:** Linux, Git, Jenkins, Shell Scripting, Docker, SonarQube, Kubernetes, Ansible, Terraform, AWS

### Project Description:

Nuffield Health is one of the UK's largest independent healthcare organizations, operating hospitals and fitness centers nationwide. It requires secure, scalable, and automated cloud infrastructure to support its healthcare and fitness applications.

## ROLES AND RESPONSIBILITIES

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- **Developed and maintained CI/CD pipelines** using Jenkins to automate build, test, and deployment workflows, improving release speed and consistency.
- **Automated infrastructure provisioning** with Terraform and Ansible, ensuring reliable, repeatable, and scalable environments across development, staging, and production.
- **Containerized applications using Docker** and managed orchestration with Kubernetes, enhancing application scalability and deployment efficiency.
- **Implemented monitoring and logging solutions** with Prometheus and Grafana to enable proactive system visibility, performance tracking, and faster incident resolution.
- **Managed AWS cloud infrastructure**, including EC2, VPC, S3, IAM, CloudWatch, CloudTrail, CloudFront, EBS, ELB, Lambda, and RDS/MySQL, ensuring high availability, security, and cost-effective operations.
- **Integrated SonarQube** into CI workflows for static code analysis, improving code quality, reducing vulnerabilities, and promoting development best practices.
- **Developed automation scripts** using Bash and Python to streamline routine tasks, reduce manual effort, and eliminate operational errors.
- **Collaborated with development, QA, and product teams** to support smooth feature delivery, troubleshoot issues, and drive continuous improvement across the SDLC.
- **Implemented security best practices** in CI/CD pipelines, access management, and infrastructure deployment, ensuring compliance with organizational and cloud security standards.