

# Shaik Sameer Basha

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## SUMMARY

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To leverage my 3 years of DevOps experience in designing and automating scalable infrastructure, with a focus on continuous integration, deployment, and cloud-native solutions. I aim to contribute to an innovative organization where I can enhance system efficiency, ensure high availability, and support agile development practices, while continuing to grow my technical and leadership skills.

## SKILLS

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**AWS:** EC2, VPC, S3, EKS, ECS, ECR, Elastic Beanstalk, Load Balancing, Auto Scaling and IAM.

**Continuous Integration Tools:** Jenkins and CI/CD

**Version Control Tools:** Git

**Operating System:** Linux, Windows

**Infrastructure as Code:** Terraform, Ansible and Cloudformation

**Containerization:** Docker and Kubernetes

**Scripting language:** Shell scripting

**Monitoring Tools:** Prometheus, Grafana and Cloudwatch

**Other Skills:** Automations, Production Support, RCA, Oncall activities

## EXPERIENCE

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### DevOps Engineer, TATA CONSULTANCY SERVICES

- ❖ Provided engineering and operational support for **AWS** environments, managing 50+ EC2 instances and optimizing infrastructure to reduce costs by 20 %.
- ❖ Led DevOps activities for hosting applications with **CI/CD** deployments, reducing deployment time by 40% through automation and streamlining workflows.
- ❖ **Optimized Cloud Costs** by 30% by implementing cost-saving strategies such as auto-scaling, right-sizing instances, and monitoring AWS resource utilization.
- ❖ Configuration of application services like **Apache HTTPD, JBoss, Redis, Jenkins, Sonar, Docker**, etc. Improving reliability and reducing downtime by 30%.
- ❖ Hands on experience in automating CI & CD pipelines using Jenkins tool.
- ❖ Worked on installing/upgrading **Jenkins Master/Slave** on multiple servers and also involved in the release process and deployed applications (WAR and JAR) and UI binaries to the **Jboss and Apache Tomcat server**.
- ❖ Expertise in creating & maintaining the infrastructure for different Environments. Proficiency with Configuration Management tools & Build management tools such as **Ansible, Maven, Git, shell script, Jenkins**.
- ❖ Hands-on experience in configuring and upgrading **Apache Solr** and **Redis** to optimize data search, caching, and overall application performance
- ❖ Good knowledge in checking the code quality using the **SonarQube**.
- ❖ Enhanced Code Quality by 35% by integrating SonarQube for static code analysis, ensuring adherence to coding standards and reducing technical debt.
- ❖ Good knowledge using the **Nexus** and **Jfrog** repository.
- ❖ **Upgrading and maintaining** DevOps tools such as Nexus, Jenkins, SonarQube, and JBoss, ensuring improved performance, security, and CI/CD efficiency.
- ❖ Created Mysql database and created tables to insert the data from the Jenkins pipeline.
- ❖ Integrated **Grafana** with Postgresql database to show the report to the development and testing teams.
- ❖ Enhanced security posture by identifying and remediating 100+ vulnerabilities in AWS environments, achieving 99.9% compliance with security best practices.
- ❖ Responsible for **Dockerizing applications**.
- ❖ Hands-on experience in creating Dockerfiles and then building image and deploying it to various environments
- ❖ Created the manifests for **kubernetes** deployments for some mission critical applications
- ❖ Created the network for **docker containers** and configured it for new containers
- ❖ Docker installation was taken care of in various linux servers to support containerized application deployment and orchestration using Kubernetes.
- ❖ Worked closely with programmers and clients to meet project requirements, goals, and desired functionality. <https://www.tcs.com>

## PROJECTS

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### Platform Prime - Tata Consultancy Services

Jan 2022 - Present

#### Roles and Responsibilities:

- ❖ Key member in DevOps Team and supporting more than 25+ application teams across multiple domains.
- ❖ Primary responsibility to onboard and set up CICD pipeline for multiple frontend and backend applications in both Wireline & Wireless domain.
- ❖ Connecting with application team to understand the application and process used by them for build and deployment which includes overall review on application automation feasibility
- ❖ Setting up a Build agent using AWS cloud formation template and using EBS service to adjust volumes in instance as per requirements.
- ❖ Migrated on-premise application to AWS cloud by redesigning the architecture and cloud services. Which reduced down- time by 95% using auto scaling and Blue Green deployment strategies.
- ❖ Setting up Build tools and supporting application team in maintaining & configuring pom.xml(maven for Backend) and package.json (npm for frontend).
- ❖ Linux servers log backup scripts were written along with scripts to monitor the deployed versions.
- ❖ Configuring sonarqube dashboard and help application team in publishing unit test and coverage reports in sonarqube cloud for static code analysis. Setting up sonarqube portfolio for multiple microservice and UI applications.
- ❖ Created multiple CI/CD pipelines and automation shell scripts for deployment of multiple artifacts, which involves inte- gration of services like Git, Jenkins, SonarQube, Nexus.
- ❖ Created numerous automation jenkins jobs for restarting services, monitoring server logs, checking server group statuses, managing backups, performing log rotation and cleanup, and overall system monitoring, thereby enhancing operational efficiency and minimizing manual effort
- ❖ Managed all operational activities in production, ensuring up-to-date technologies and frameworks were implemented. Hosted analytical and metric systems using Grafana, Prometheus and Node Exporters.
- ❖ Applications with high maturity level having the kubernetes clusters were given the manifest files based on their requirement
- ❖ Docker networking was done on the new networks created inside the VM with the subnet and the new POD's and Containers were mapped to the new network
- ❖ Kubernetes Onboarding and end to end support of applications along with SRE activities was performed
- ❖ Managed all operational activities in production issues Technically to keep the entire website with up to date technologies and frameworks.

## EDUCATION

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### B.Tech, Electrical and Electronics Engineering

Anantha Lakshmi Institute of Technology and Sciences, Anantapur, Andhra Pradesh

June 2017 - July 2021

### Intermediate, MPC

Narayana Junior college, , Anantapur, Andhra Pradesh

June 2015 - April 2017

### 10th Standard(SSC)

Montessori English Medium High School

## CERTIFICATIONS

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### AWS Certified Solutions Architect - Associate

AWS

Mar 2025 - Mar 2028

## Awards & Achievements

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### BEYOND EXCELLENCE AWARD

### BRAVO AWARD

### ACHIEVER AWARD