

## SAI SUSHMA DANDE

Phone: +91-9148973398

Email: [dvsaisushma@gmail.com](mailto:dvsaisushma@gmail.com)

**DEVOPS ENGINEER**

### CAREER OBJECTIVES:

Looking forward to work with an organization that gives me an opportunity to use my technical expertise in AZURE, DevOps, Continuous Integration (CI), Continuous Delivery (CD), Configuration Manage Middleware Administration.

### PROFESSIONAL SYNOPSIS

IT Professional with around 4 years of experience in **Infosys**. skilled at operating in a wide range of platforms in DevOps, Continuous Integration and delivery, Build Automation, Deployments, UNIX/LINUX, Jenkins, Git, Ansible, Docker, Kubernetes, AZURE Cloud Computing, Jboss application server and Apache TOMCAT.

- Deep knowledge of Continuous Integration (CI) and Continuous Delivery (CD) methodologies with Jenkins
- Experience in Build Management tool such as Maven
- Hands on experience with SCM tools like GIT, CodeCloud for branching, tagging and version management
- Hands on experience in Docker engine and Kubernetes container-orchestration system. Able to automate deployment, scaling and management
- Worked on Jenkins by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End to End automation for all build and deployments using Jenkins Pipeline
- Hands on experience with Configuration Management Tool such as Ansible
- Excellent Knowledge in the maintenance of Application Server on Linux and setting up the development, testing and production environments
- Having good knowledge on Grafana, Kibana monitoring tool.
- Hands on experience on Kafka streaming processing system and inline memory database Redis.
- Knowledge on ticket management using Service now, itrack, Jira

### ACADEMIC QUALIFICATION:

Graduated in B.Tech. from BIRLA INSTITUTE OF TECHNOLOGY, MESRA IN 2016 with 73.5%

### TECHNICAL SKILLS

- **Cloud Service:** AWS
- **Operating System:** Linux (Ubuntu, Red Hat), Windows
- **Application Server:** JBOSS application server, Apache Tomcat
- **Scripting language:** Python scripting, PowerShell, Bash shell scripting

- **Configuration Management:** Ansible
- **Version Control Tool:** GIT
- **Build Tool:** Maven
- **Container Engine:** Docker
- **CI Tool:** Jenkins
- **Container Orchestration Tool:** Kubernetes, Azure Kubernetes
- **Database:** Mongo DB, Redis
- **Monitoring Tool:** Grafana, Kibana, Site scope, Prometheus.
- **stream-processing system:** Kafka, zookeeper

#### ORGANIZATIONAL EXPERIENCE:

Company	Infosys	July 2017 -DEC 2018
Project name	Cricket Wireless	DevOps Technical Support
Client	AT&T	
Description	AT&T Inc is a American multinational conglomerate holding company headquartered at Whitacre Town in Downtown Dallas, this project is to provide the support to Cricket wireless store with all types of application support while transactions processing. We have involved in creating and maintaining the Kubernetes Master and Nodes, post which we support the development cycle to deploy the latest code changes into production.	
Responsibilities	<ul style="list-style-type: none"> <li>• Remotely supporting 12 clusters in Kubernetes which includes production, development and QA, Perf based servers</li> <li>• Understanding the client environment, Administrating and creating solutions using Kubernetes services, CI/CD, GIT, Dockers</li> <li>• Deploying and Managing in Jenkins using different branches like Develop, Master to TEST, Perf, HF, Production</li> <li>• Creating and Managing Eco Pipeline for Automating Build and deploy in Dev Environment</li> <li>• Helping for development in updating the Casandra DB with the latest updated values in all the environments and validating the same with the Datastax Dev Center commands</li> <li>• Actively monitoring the Kubernetes, Kibana, Grafana and Prometheus and reporting the issues to the appropriate teams</li> <li>• Creating Memory, CPU space requests to the teams in the pods whenever any Kubernetes alerts triggers.</li> </ul>	

	<ul style="list-style-type: none"> <li>• Implemented and maintained the monitoring and alerting of production and corporate servers/storage using Grafana</li> <li>• Maintain GIT Repositories, Handling Releases and Branching activities for GitHub</li> <li>• Ensuring all container pods are up and running all the time and report if any issue occurs</li> <li>• Taking periodic backups of Jenkins job, restoring in case of there is any issue with Jenkins</li> <li>• Actively monitoring the issues in the application logs and taking appropriate actions</li> </ul>
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**ORGANIZATIONAL EXPERIENCE:**

Company	<b>Infosys</b>	<b>DEC 2018-present</b>
Project name	ISAAC (IP Service Assurance and Analysis of Connections), Blink-Kafka (Stream processing system) <b>DevOps Engineer</b>	
Client	AT&T	
Description	<p>ISAAC is a very critical project; can also be termed as mission critical ++. It requires availability of 99.99% and can have downtime of only 62 minutes in the whole year.</p> <p>In a nutshell, Blink is rule-based integrated and open-architecture Universal Notification, Data Processing and Data Streaming Platform built with cutting-edge open-source components MEAN Stack (MongoDB, Express, Angular, Node.js).</p>	
Responsibilities	<ul style="list-style-type: none"> <li>• All major and minor production releases are supported for deploying builds. Workflow deployments on non-prod and prod environment. Maintenance and upgrade of Non-PROD environments</li> <li>• Emergency deployments for critical issues are supported</li> <li>• New MS builds, configuration &amp; integration is performed.</li> <li>• Coordination with Linux support, Motive, Load Balancer team, Introscope team for various environment issues: Coordination with various outside teams.</li> <li>• Investigations and resolutions of the issues reported by Business team</li> <li>• Quick set deployments of flows to Dev environments.</li> <li>• Making config changes in CodeCloud as and when required.</li> <li>• Creating Memory, CPU space requests to the teams in the pods whenever any Kubernetes alerts trigger</li> <li>• Making inventory file changes to ansible playbooks</li> <li>• Deploying and Managing in branches in CodeCloud for different Env like Develop, Master to TEST, Perf, Production.</li> <li>• Creating and triggering Eco Pipeline for Automating Build and deploy in Dev, test and prod Environment</li> </ul>	

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|  | <ul style="list-style-type: none"><li>• Maintaining Kubernetes clusters for both prod and non-prod. Making sure that pods are always up and running.</li><li>• Working on Kafka and Redis database</li><li>• Making sure that Kafka is always up to consume source events and making sure that they feed in to Redis database.</li><li>• create business rules for data processing with Actor with the self-servicing.</li></ul> |
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**Declaration:**

I hereby declare that all information furnished above is true to the best of my knowledge and belief.

Place: Hyderabad, India  
SAI SUSHMA DANDE