

Objective

- Seeking a responsible and challenging role in the area of IT - Software to utilize my skills and abilities which contribute towards organizational success and interested in a technical track career on application development environment and Infrastructure Management Services.

Experience Summary

Total Experience – 2.6 years

- Working experience on source code management, CI /CD, configuration management and cloud environment.
- Extensive knowledge on source code management tool GIT.
- Build and Deployment for Java based applications using Maven
- Manual Deployments preparing Artifacts using consolidated Jars for Hotfix Builds.
- Created automated build and release environment using continuous integration tool like Jenkins.
- Worked on Jenkins for creating and scheduling jobs, builds, backup jobs etc.
- Handling all the releases such as maintenance release, emergency release, patch deployments, and launch of new project.
- Managed environments DEV, QA, UAT and Staging for various releases.
- Good knowledge on Docker, Testing and deploying the code on Docker containers. Taking backup of containers(images) to server.
- Uploading Artifacts to Nexus server.
- Implementing Docker and Jenkins together to deploy running applications in Docker containers.
- Implement effective customer satisfaction strategies by identifying and eliminating the root causes of their problems.
- Highly adaptable in quickly changing technical environments with very strong communication, interpersonal, organizational, and analytical skills.
- Performing builds and deployments based on requests as well as schedules.
- Involved in Build and Deployment activities.
- Automating build process using CI tools like Jenkins.

Technical Skills

Languages	UNIX commands, SQL, Java, Maven Build script.
Operating Systems	Linux, Ubuntu, Windows
Version Control Tools	Git, GitHub
Build Tools	Maven
Contentious Integration Tool	Jenkins
Web Application Servers	Apache Tomcat, WebLogic (Beginner level)
Configuration Management Tools	Docker, Ansible
Cloud	Azure, AWS, and Oracle Cloud (basic knowledge)
Containerization Tools	Docker, Kubernetes
Ticketing Tools	ServiceNow, Jira
Database	Mango DB, HBASE, SQL and Oracle SQL

Educational Qualification

- Bachelor of Technology in **Computer Science & Engineering** from **JNTU Anantapur**.

COURSE	SPECIALIZATION	PERCENTAGE /GPA	ACADEMIC YEAR	COLLEGE/ SCHOOL
B. TECH	C.S E	77	2014 - 2018	JNTUACEK, KALIKIRI
INTER	MPC	95	2012-2014	NRI JUNIOR COLLEGE, TIRUPATHI
S.S.C		8.5	2011 - 2012	VISWA VANI HIGH SCHOOL, VADAMAPETA

Professional Experience

- Working as Devops Engineer & Systems Engineer **Atos Global IT solutions and services, Bangalore** from April 2019 to till date.

Work Experience

Project:

Company : Atos Global IT solutions and services, India
 Title : Siemens Mindsphere
 Role : DevOps Engineer & Systems Engineer
 Duration : April 2019 to Present

Environment: GIT, Maven, Jenkins, Docker, Azure, Nexus, Ansible, ACF and ServiceNow

Description: Mindsphere is the leading industrial IoT as a service solution. Using advanced analytics and AI, Mindsphere powers IoT solutions from the edge to the cloud with data from connected products, plants and systems to optimize operations, create better quality products and deploy new

business models. Built on the Mendix application platform, Mindsphere empowers customers, partners and the Siemens organization to quickly build and integrate personalized IoT applications.

Leading industrial IoT as a service solution

- Connect assets and upload data to the cloud
- Collect, monitor, and analyze data in real-time
- Gain insights that improve efficiency and profitability
- Take advantage of apps and solutions that solve real problem

Ecosystem for Developers and Makers

- Develop apps that increase the business value of your data
- Make use of an open environment for development and operations
- Profit from ready-to-use APIs and cloud services
- Take advantage of your preferred cloud infrastructure: AWS, Azure, Alibaba
- Connect with a thriving community of developers and solution part.

Current Role and Responsibilities – DevOps & Systems Engineer, Build & Release, troubleshooting, Debugging and Environment Support.

Area	Open Source Technologies
Scalable Queue	Kafka
Messaging Pub/Sub	RabbitMQ
Time Series Storage	HBase
RDBMS	MS SQL (Resource Provider)
Caching	Redis
Workflow	Activiti (Spring)
Stream Processing	Spark
Logging and Monitoring	ELK (disconnected mode) / Log4j, AppInsights and Log Analytics (connected mode)
Search Engine	Elastic Search
Notification	SendGrid / Twilio / Customer
MindSphere core service deployment	Kubernetes
MindSphere Developer services	Open Cloud foundry and 6 Backing services (MongoDB, Postgres, Elastic search, ELK, RabbitMQ, Redis)

Roles & Responsibilities:

- Involved in DevOps POC's by integrating Source controls tools, Build Tools, CI tools and CD tools to start new DevOps services in organization.
- As Dev-Ops team, the priorities are to keep control on the entire testing, development, non-production, and production environments.
- Better understanding of approaches need for how to analyze any issue/problem.
- Worked with On Site Engineer related tasks.
- Branching, Tagging, Release Activities on Version Control Tool GIT.
- Setting up Nexus server to store artifacts, configuring nexus server to build environment.
- Setting up Jenkins Continuous Integration /Continuous Delivery system.
- Creating new Build jobs, Integration testing jobs and deploys jobs in Jenkins to automate process.
- Monitoring daily builds using continuous integration tool Jenkins
- Owner for all the non-prod environments – responsible for maintaining the release activities.
- Creating Docker images and writing Docker Files to create multiple containers with same configuration.
- Coordinating with the Development team to fix the Build related issues.
- Debugging compilation and runtime issues in build failures. Notify Broken builds to appropriate stakeholders and enable for successful builds.
- Creating various CI/CD pipelines by integrating source control tools Version Control GIT, Build tool Maven, CI tool Jenkins and Deployment automation tool Ansible.
- Setup Ansible playbooks to perform builds and deployment management.
- Used Jenkins for Continuous Integration and deployment into Apache Tomcat Server.
- Debugging and troubleshooting all the environmental issues till the resolution and ensures environment availability.
- Scheduling CRON jobs and SHELL scripts to automate daily tasks (specific to applications).
- Provide a flexible support by weekend /working extra hours in case of any business requirement.
- Prepared WLI's for all related issues for future reference.

Academic Achievements:

- Secured **College Topper in B.Tech.**
- **Microsoft Certified: Azure Administrator Associate (AZ-104) certification.**
- Received **Accolade Award** in Atos Global IT solutions and services, India.

Attributes:

- Focus on the work with the intention to widen my knowledge.
- A well-rounded personality with exceptional and outstanding management skills, as my strength.
- Adaptability to any kind of work environment, Equipped with a great amount of analytical knowledge.
- Honest, Punctual, Flexible, Problem solver, Technologically competent, Diligent and organized.

Personal Profile:

Name	: B. Sai Venkatesh
Father's Name	: K. BABU
Date of Birth	: 16-10-1996
Gender	: MALE
Nationality	: Indian
Religion	: Hindu
Marital Status	: Single
Permanent address	: Door No 5-39, Vadamalapeta (Mandal & Post), Chittoor (Dist.), AP-551.
Languages Known	: English, Telugu, Tamil and Hindi.
Hobbies	: Playing Games, Reading Novels & Internet Surfing.

Declaration:

I hereby declare that above mentioned particulars are true to the best of my knowledge and belief.

B Sai Venkatesh

