

Key Expertise:

Over 7 years of IT experience in DevOps Engineer, Kube administrator, Cloud compute service, Microservices, Configuration management and Build & Release Management.

Experience Summary

- Worked with Larsen & Toubro Technology Services Limited, (Bangalore) from December 2014 to Aug 2020.
- Currently working in ITC Infotech from Aug 2020 to till date.

Work Summary

- Well versed in software configuration management systems, source code version control systems and functions of build systems.
- Having source code management skills including branching strategies, tagging, creating baselines, and releasing the code for mid to large size projects using SVN & GIT
- Building jar/war/ear files using Maven and MS buildproject build tools.
- Experienced in managing continuous Integration tool like Jenkins, gitlab and bamboo.
- Having good knowledge in Jenkins, gitlab and bamboo. Configured daily builds, and Automated testcases in CI /CD tools.
- Support daily builds and product release on Windows Platform.
- Knowledge on Linux and Windows environments.
- Having basic experience in python automation.
- Having knowledge on shell, power shell scripting.
- Managing and working with Azure cloud services, Aws cloud services and deployments.
- Exposure to cloud platforms like Windows Azure Cloud and Amazon Web Services (AWS).
- Basic knowledge on Ansible configuration management.
- Experience in working on kubernetes in deploying microservices into the cluster by writing manifest file as well as using helm charts
- good knowledge on resource creation in kubernetes.
- have worked on k8s cluster using Kubeadm, AKS and EKS.
- have written dockerfile to create microservices and also pushed the image into registry.
- Designing and programming experience using Worked with Microsoft C++, ASP.NET, and HTML.
- Exposure to Agile methodologies and kanban flow
- End to end application development including requirement study and designing.
- Implement effective customer satisfaction strategies by identifying and eliminating the

- root causes of customer problems.
- Excellent analytical, design and problem-solving skills.
 - Adequate knowledge in source control tools like TFS,SVN,GIThub,GITlab,GIT bit bucket and Plastic SCM.
 - Experience in client communication and Status reporting. Working in high pressure condition.

Skills

Continuous Integration Tool : Jenkins, gitlab, bamboo
Configuration Management : Ansible
Cloud platform : Windows Azure Cloud and AWS
Containerization : Docker
Container orchestration tool : Kubernetes
Infra provisioning : Teraform cdk(beginner)
SCM Tool : GIT, Plastic SCM, git lab, Bitbucket, SVN, TFS
Build Tool : MAVEN and MS Build
Web & Application Server : Apache Tomcat and Install Shield
Operating Systems : Windows and Linux
Scripting Languages : shell, Power shell, python scripting
Quality Control Tools : Sonar Qube and Fortify tool
Monitoring system Tool: New Relic, Jmeter , Blaze meter, grafana

Project Details

Project1:

Project Name	Aptiv	Duration	1years.
		Team Size	15
Description	Aptiv software are the automation embedded system project, which has high intelligence on tracking vehicle status and providing safety measure in accordance to it.		

Role & Responsibilities	Role : python scripiter with Devops Python, Plastic SCM, MS build,Jenkins, Jira, Coverity. Responsibilities: · Perform Build and deployment activities as per Build calendar Setup of Jenkins for continuous integration Build process. Perform automated deployments of Java artifacts on Tomcat server. Perform deployments on different environments like Dev, Staging and Production environments. Create new environments for deploying applications
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Project2:

Project Name	Picture Archiving Communication Server (PACS)	Duration	1years.
		Team Size	12
Description	A PACS allows a healthcare technology to store, capture, view and share patient records which contains the details patient information and images related to multiple modalities.		
Role & Responsibilities	Role : Software Engineer Responsibilities: · Fixing security issues. · Design Test cases and performed Unit Testing.		
Technologies	C++,Asp.Net,Html5		
Tools	Visual Studio 2012, Sql Server 2008, TFS.		

Project 3:

Project Name	BT Leeds, BT Harlequins	Duration	14 months
		Team Size	4

Description	BT provides core network and broadband services, conveyance and connectivity products to BT Retail, BT Global Services, and more than 600 external clients. The division specializes in complete managed service solutions for the growing wholesale Telecoms market a critical market sector for BT's future and has grown to become the largest and most successful wholesale service provider in Europe. This project is all about enhancements and customizations for Infinys billing system for Vodafone client in the wide WLMS architecture.
Role & Contribution	Role: DevOps Engineer ➤ Perform Build and deployment activities as per Build calendar ➤ Setup of Jenkins for continuous integration Build process. ➤ Perform automated deployments of Java artifacts on Tomcat server. ➤ Perform deployments on different environments like Dev, Staging and Production environments. ➤ Create new environments for deploying applications. ➤ Troubleshoot Build issues and coordinate with development team on resolving those build issues. ➤ Work closely with development team to implement and manage continuous delivery systems and methodologies on AWS ➤ Develop standard frameworks, libraries and patterns to be used by engineers in feature deployment. ➤ DevOps Services owns the tools (Ansible) and process (such as Continuous Delivery, Agile ➤ Extensive hands on work with Private & Public Cloud Solution Providers. ➤ Collaborate with Engineers and System Administrators on technical issues. Automate operations management by developing scripts as needed
Technologies	Java Based
Tools	GIT, maven, Jenkins, apache tomcat, K8s, docker, Terraform, Ansible,bamboo, bitbucket, aws services like eks, efs, cdk rds

Project 4:

Project Name	Fluke Biomedical Project	Duration	14 Months
		Team Size	7
Description	Fluke Biomedical leads the world in the manufacture of X-ray quality assurance products and biomedical test and simulation products. Our product lines include electrical safety testers, patient simulators, electro surgery analyzers, radiation survey meters, phantoms, X-ray measurement, dose monitoring systems, infusion analyzers, defibrillator analyzers, and fully-integrated and automated performance testing and documentation systems to help you ensure staff and patient safety.		

Role & Contribution	Role: Release Engineer ➤ Creating branches and tags using GIT. ➤ Maintain GIT Repositories, Handling Releases and Branching activities for Git. ➤ Handle multiple builds from Development team, create build jobs in Jenkins and perform deployment activities. ➤ Responsible for taking the source code and compiling using Maven and it in its distributable format, such as a JAR / WAR. ➤ Automate the build Process Using Jenkins job writing pipeline as code. ➤ Monitoring daily builds using continuous integration tool Jenkins. ➤ Code Quality reports using Sonar Qube. ➤ App Performance using Newrelic. ➤ Continuous update on build failure using Jira. ➤ Date wise Daily keeping track all the Script. ➤ Dockerized app using dockerfile. ➤ The microservice is then push to docker hub registry for future refrence/nexus repo. ➤ The updated packaged is pull in the kubernetes manifest file to deploy to the cluster . ➤ Created resource and cluster in kubernetes using kubectl ➤ Packaged the manifest file using helmchart and then install helm chart to deploy application. ➤ Used other k8s services like AKS, EKS. ➤ Created AKS cluster with service account ,storage registry and aks cluster in it. ➤ Verify Deployments logs to check for successful deployments. ➤ Client Interaction with high Risk and Doing smoke testing for same and fixed the related Issue Immediately. ➤ Experience in bug tracking and analyzing test results and prepared Release Notes. ➤ Keeping track of Release files for every release.
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	➤ Setup CI configuration in gitlab for deployment ➤ Performing deployments to multiple environments using microservices.
Technologies	Java Based
Tools	Git ,Jenkins, junit,docker ,Sonar Qube , kubernetes, AKS, gitlab

Educational Qualification & Certifications

Diploma engg).	(EC	Completed in 2014, from Sri Jayachamaranjendra Polytechnic ,Sheshadri Road Banglore-01 in Electronics & communications engineering
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