

Sushil Raghuwanshi

Senior DevOps Engineer

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Career Summary

- A competent software professional with total of 5+ years of Experience.
- 5+ years of experience in building DevOps pipelines using various DevOps automation tools.
- Have good experience in Automating, Building, Deploying and Releasing code to production environment without any manual intervention.
- Expertise in achieving continuous integration, continuous delivery/continuous deployment, continuous testing and continuous monitoring operation.
- Have good knowledge in writing Ansible playbooks and using Ansible tower for Infrastructure related activities.
- Have worked on release orchestration using XL Release tool.
- Worked as an individual contributor in end to end delivery of the project.
- Created automated design for 100+ application to on-board them with DevOps strategy.
- Defined branching strategies and code quality checks for various applications.
- Good knowledge on log analytics and application monitoring tools like Elastic stack and Dynatrace.
- Worked on setting-up HA Kubernetes clusters using EKS service on AWS Infra and installed Kubeflow an ML model deployment tool on it to run Machine learning data model pipelines..
- Expertise in on-boarding team and application into DevOps strategies using wide variety of automation tooling.
- Have managed 4-5 resource team to deliver quality automation in Salesforce project.
- Worked in Release management team to delivery code faster and efficiently in Salesforce project using various DevOps tool changes.

Summary of Qualifications

Proficient In:

Cloud

- AWS(Basic)
- Azure DevOps

Operating System

- Linux
- Windows

Web/Application Server

- Oracle WebLogic
- Apache Tomcat
- IBM Liberty
- WebSphere

Monitoring Tools

- Elastic Stack(ELK)
- Dynatrace

Programming language

- Unix shell scripting
- Groovy scripting

Management Tools

- Jira
- Agile Craft
- Confluence
- Azure Board

Containerization Tools

- Docker
- Kubernetes
- EKS

Deployment Tools

- IBM urban code Deploy
- Ansible/Ansible Tower
- XL Release

Source code Tools

- SVN
- GIT
- Bitbucket
- Azure Board

CRM Tool

- Salesforce CRM

Other DevOps Tools

- Jenkins(Advanced)
- Nexus, HP Fortify
- SonarQube, Jacoco

Key Certifications

- ITIL Foundation V3 Certification- IT Service management.
- AWS certified solution Architect- Associate.
- Certified Kubernetes Administrator with Practice Tests- Udemy

Article

Published Medium Article to Setup Kubeflow an Machine Learning Deployment tool on EKS Managed kubernetes cluster.

URL: <https://medium.com/@sushil.raghuwanshi/kubeflow-on-aws-bdc97e6cf8aa>

Achievements

- Spot Recognition for handling production deployment activity in Jan-2015.
- Special Recognition Award from client for providing value-adds to the Project.
- Client Award for on time deliverables and successful handling of all major/minor releases.
- Spot Recognition for handling all issues and implementing UFT-Jenkins pipeline job in Sep-2017.
- Spot Recognition for automating legacy windows based application build and deployment process using Jenkins tool Jan 2018.
- Spot Recognition for implementing CI/CT Jenkins pipeline in Aug-2018.
- Excellence Award for Setting up Kubeflow on Managed Kubernetes cluster and delivering it to customer- August 2020.

Build Tools

- Ant
- Maven

Methodology

- SDLC
- Agile

Work experience

Senior DevOps Engineer

2020-07 - Present

Globant Pvt Ltd

Client: Deloitte USA

Responsibilities:

- working as Salesforce DevOps to automate code deployment on different Org using Azure DevOps.
- Automated Code coverage extraction across Salesforce Org and for individual application level.
- Working as Release management coordinator Salesforce environment.
- Responsible for handling all the automation and Salesforce environment efficiently to deliver code smoothly without any downtime.
- Working as Salesforce Admin to provision infrastructure as per application/business demand.
- Worked in agile and engineering culture environment.
- Ensuring that all production changes are processed according to release management policies and procedures.

Tools and Technology Used: Azure DevOps, Jenkins, Salesforce, Azure board, workbench, shell scripting, groovy scripting, GIT, Maven, Ant, Confluence,.

Client: Walmart POC

Responsibilities:

- Implemented Kubernetes node group cluster architecture on AWS infra using EKS service and successfully setup end to end Kubeflow an Machine learning deployment tool on Kubernetes cluster which is then utilized by data scientist to create Jupiter notebook and pipelines.

Tools and Technology Used: AWS, EKS, Kubernetes, Fargate profile and Kubeflow.

DevOps Analyst

2018-06 - 2020-07

Principal Global Services

Description: Principal Global services is a Global In-house center dedicated to supporting principal financial group to achieve common purpose of empowering and enabling there customer across the globe by protecting and advancing there financial well-being through retirement, insurance and asset management solutions.

Responsibilities:

- Understanding the requirement specifications, reviewing the functional specifications document and developing the solution design document.
- Automating end to end application/delivery process using various DevOps tools.
- Ensuring that all production changes are processed according to release management policies and procedures.
- Implementation of Ansible and Ansible tower for configuration management.
- Automated build and deployment on Websphere and liberty servers with various code quality checks.
- Achieved Continuous Integration and Continuous deployment activities using Cloudbees Jenkins and XL release tools.
- Automating Build and deployment process for Java and angular based applications to QA, staging, preproduction and production environment based on daily bases and weekly scheduled build cycles.
- Implementing CI/CD and CT with shared libraries and multibranch pipelines with pre-commit strategy.
- Implementing application monitoring and log analytics using Dynatrace and ELK stack

tools.

- Implemented Containerization platform for local testing.
- On-boarded application with DevOps process on AWS infrastructure.
- Worked in agile and engineering culture environment.
- Integrated Security best practices in DevOps life cycle using HP Fortify tool.

Tools and Technology: Jenkins, shell scripting, groovy scripting, Maven , ant ,Ansible, docker , Jira , Confluence, Git, bitbucket, AWS, IBM urban code deploy, HP Fortify, XLR, Elk, Nexus, Agile craft, SonarQube.

DevOps Engineer 2015-10 - 2018-06
Syntel Pvt Ltd

Description: Syntel is services provider company which provides Integrated information technology and knowledge process services.

Responsibilities:

- Creating and Configuring automation jobs in CloudBees Jenkins.
- Write scripts to meet pre-requisite for triggering builds and Deploying the artifact's.
- Perform daily builds during test cycles for both major and minor releases.
- Responsible for retrofitting the code to QA environment, and extending the support for the QA team, UAT and Pre-prod for fixing the bugs.
- Automating deployment on WebLogic, service start/stop, schedule tasks setup, configuration changes.
- Automating Build and deployment jobs for ant and Maven based applications to QA, staging, preproduction and production environments.
- Achieving Continuous Integration and Continuous Deployment activities using Jenkins tool.
- Automated build and deployment process for 45+ Ant and Maven based applications by writing one click deployment scripts.
- Involved in creating high level production issue documentations.
- Integrated UFT and QC testing with Continuous Integration process.
- Artifact management repository Nexus configuration with Maven to store and upload build Artifact's.
- Integrated various reporting such as Jacoco, Junit, Cucumber with DevOps tools to get the coverage and code quality reports.
- Integrated SonarQube tool to analyze the source code and share the reports to respective development teams.
- Periodically analyze the hardware and software capacity of build infrastructure and provide appropriate recommendations to the management team for improvements and immediate attention.
- Created shared library/multibranch pipelines for existing applications.

Tools and Technology Used: Jenkins, shell scripting, groovy scripting, Maven , ant, Confluence, Git, bitbucket, AWS, IBM urban code deploy, HP Fortify, XLR, Elk, Nexus, SonarQube, SVN.

Education

B.Eng 2011 - 2015
Radharaman Institute of Technology and Science, Bhopal (MP)
Percentage : 82 %(Hons)

Higher Secondary School 2010 - 2011
St Mary's Co-ed School, Harda (M.P), CBSE Board.
Percentage: 72%

Senior Secondary School 2008 - 2009
St Mary's Co-ed School, Harda (M.P), CBSE Board.
Percentage: 67%

