

Polu Sunil Kumar Reddy

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Professional Summary

- ◆ A professional with 4.7 years of experience into AWS and DevOps with deep insight in Insurance and automobiles domain.
- ◆ Practical experience with various AWS services like Cloud Formation, Networking, Cloud Watch, Cloud Trail, KMS encryption, logging, EKS, ELB, EBS, S3, VPC, IAM, SQS, Lambda, Route 53, ACM, ECR.
- ◆ Strong analytical skills with the ability to collect, organize, analyze, and disseminate significant amounts of information with attention to detail and accuracy.
- ◆ Extensively Worked with Business Users to gather, verify and validate various business requirements.
- ◆ Expertise in working in Agile and Scrum.
- ◆ Experience on CI (Continuous Integration) and CD (Continuous Deployment) methodologies with Jenkins.
- ◆ Performed rolling upgrades of container platform with zero outage to consumer applications, slashing release time by 30%.
- ◆ Experience in leading teams to successful project implementation with quality assurance and schedule adherence.
- ◆ Excellent problem-solving skills, high analytical skills, good communication and interpersonal skills

Skills Profile

Technical

Operating System	MS Windows/Linux
Environment	Both Client & Server
Database	Oracle SQL Developer, SQL Server
Technologies/ Frameworks	Kubernetes, GIT, Jenkins, Ansible, Docker, AWS
Languages	Java, sPython
Tools	Eclipse, SQL Developer

Experience Profile:

- Presently associated as a DevOps Engineer with Glitz Technologies private limited since July 2017 to till date.

Summary of Projects

PROJECT TITLE: Wells Fargo

June 2020 –Till Date

Description:

Wells Fargo & Company is an American multinational financial services company headquartered in San Francisco, California, with central offices throughout the United States. It is the world's fourth-largest bank by market capitalization and the fourth largest bank in the US by total assets.

Responsibilities:

- Build deployable War/Ear files using maven & Jenkins.
- Maintaining the versions of Jenkins artifacts in Nexus repository.
- Installing Plug-ins in Jenkins as per project requirements.
- As most of the infrastructure is hosted in AWS cloud. I am responsible for creating and managing EC2 Instances.
- Configuring EC2 instances with Cookbooks to enable environment for deployment.
- Maintaining AMIs of the Configured Ec2 instances.
- Creating Docker images and Containers.
- Improving the workflow with Docker Compose.
- Verify deployment logs to check for successful deployments.
- Post deployment, Bouncing of servers along with tmp & cache clean.
- Configuring and deploying artifacts into several environments by using primary automation deployment tool Chef.
- Use Chef and other configuration management tools to deploy consistent infrastructure code across multiple environments.
- Written groovy scripts to automate deployment of cookbooks on nodes and running the chef client on them in a chef solo environment.
- Created Chef cookbooks and recipes that kickoff post-install scripts.
- Automation of java applications to achieve continuous integration and continuous delivery (ci and cd). Configuring various jobs using Team city and Maven for the deployment of java based applications.
- Deployed complex application deployments on Kubernetes Cluster and I have created horizontal pod auto scaling for my pods in kubernetes cluster.
- Deployed builds to different environments like DEV, QA, UAT environments by integrating Jenkins and Chef.
- Performed Unit Testing and System Integrated Testing.

Environment and Tools used: GIT, Python, Jenkins, Ansible, docker, AWS, Java, Kubernetes

PROJECT TITLE: AML Cards Analytics March 2019 – May 2020

Description:

The purpose of this project is to identify and catch all the alerted transactions where in the source system generates a Case for every alerted transaction.

All the transactions are analyzed or processed in the set of business rules after at least 2 -3 days (or 30 days if monthly) in a batch. Case will be registered on daily, weekly and monthly basis after completion of Batch. Case will be categorized in 3 types low, Medium and high depending on the transaction level of the client

Responsibilities:

- Administration of Subversion tool includes creating branches, tagging, access permissions and setting up hooks & locks.
- Deployed, automated, maintained, and managed AWS cloud, Kubernetes, and Docker-based production system, to ensure the availability, performance, scalability, and security of production systems.
- Maintaining Subversion code repository and backup files.
- Experience in Creating branches and tags to separate build system after a milestone releases and Create build storage archives for back tracking builds.
- Used ANT scripts to build the source code. Supported and helped to create Dynamic Views and Snapshot views for end users.
- Automated build scripts using ANT and Shell Scripts.
- Configured Jenkins CI tool for project and setup Nightly Builds.
- Automated the code deployment process in each environment (development, QA, Staging, Production).
- Configured a continuous integration process and interface with the operations team to ensure project artifacts are deployed automatically to various environments using Jenkins.
- Installation, Configuration and Administration of Jenkins over UNIX and LINUX build machines in distributed mode over Apache Tomcat and configured jobs along with various plug-in for Continuous Integration, Release Builds for AGILE and Production Branches.
- Accomplished in tool automation using Shell scripting.
- Participated in Bug review meeting and release the builds to pre-production and production servers.
- Involved in deployment of the application using Tomcat.
- Performed Build and Deployment activities without any rework.
- Responsible for the deployment on Linux for Dev/ QA, staging, productions environment.
- Preparing the build statistics and produce to the management team.
- Troubleshoot deployment problems, release issues and environment issues in a multi-component environment

Environment and Tools used: AWS, Python, Java, Git, Jenkins, Rundeck, Tomcat, Ant, Shell-Scripting , Kubernetes.

PROJECT TITLE: MBRDI Analytics July 2017 – Feb 2019

Description:

Mercedes Daimleris one of the biggest producers of premium cars and the world's biggest manufacturer of commercial vehicles with a global reach. They provide financing, leasing, fleet management, insurance and innovative mobility services.

Responsibilities:

- Involved in requirement analysis and LLD coding for the Low Level Design Document with respect to the Log File Notifier Project.
- Developed java spark processing code for implementing Log File Notifier Project Application
- Designed Oozie workflows to schedule the coordinator jobs
- Designed Unit test cases.
- Performed Unit Testing and System Integrated Testing.
- Designed Integration and Production Deployment Scripts.

Environment and Tools used: Spark,Java,Hortonworks,Hive,ShellScripting,Oozie, Putty and WinSCP

Training and Seminars

Completed trainings on AWS, DevOps.