5 + years | Sandeep T S | DevOps Engineer

**Technical Skills:**

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| **Languages:** | Shell |
| **Orchestration tool** | Kubernetes |
| **CI/CD** | Jenkins |
| **Web Services** | Tomcat |
| **Operating Systems:** | Windows, Linux |
| **Build Tools** | Maven, Ant and Gradle |
| **Containerization Tool** | Docker |

**Project Experience**

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| **Project 1** | **Innominds Software Pvt Ltd Internal** |
| **Role:** | - Performing end-to-end deployments for different applications in all the stacks (DEV, QA, PROD)  ¬ Providing Infra Related Support to developers and track the issue through Jira  ¬ Creating/terminating instances based on requirements and deploy Docker container on that.  ¬ Working with Jenkins build (creating/deploying/maintaining/resolving) to support all requests. ¬ Working with Dockers, Git, AWS, Linux, Jenkins, MySQL as part of OPS related tasks.  ¬ Launching Amazon instances by using customized AMIs, performing administration and monitoring using Amazon Cloud Watch.  ¬ Working in Managing deployment, maintenance, support and upgrade of servers, hardware-, software, operating systems in Server Environment.  ¬ Expertise in using Linux servers and Configuration Management tools like Ansible.  ¬ Create Docker files to deploy application and build it through image.  ¬ Create Ansible playbooks based on requirement.  ¬ Working with Jira to track issues and create ticket to track issue and working with Atlassian to make documents for reference.  ¬ Creating Document to track all issues for future reference.  ¬ Experienced in Logstash, Kibana and Elastic search. |
| **Team Size** | 3 |
| **Project Duration** | 2 years 7 months |
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| **Project 2** | **CP(customer Portal)** |
| **Description:** | CP (Customer Portal) is a Cisco Application used by the cisco customers to check the details about their contract with cisco and upload details. This application processes the device data in the form of upload and make it available at cisco. As of now these applications are hosted on VM’s on on-premises. We moved all the application environment to containerization platform and to EKS as well. |
| **Responsibilities:** | ¬ Environment setup and writing Jenkins jobs and pipelines.  ¬ Containerized the applications using Docker file  ¬ Worked on EKS for Kubernetes on cloud.  ¬ Writing ansible playbooks to pull the containers from the antifactory and deploy it in respective environments.  ¬ Responsible for writing the Kubernetes objects.  ¬ Responsible for 24/7 end to end infrastructure health monitoring.  ¬ Support includes monitoring, finding issue, debugging, and troubleshooting the issue, finding rca for the same, involving application related teams to find the bug.  ¬ Creating War rooms and sending communication to end customers if there is any failure/downtime in the application they are using.  ¬ Working closely with all/any required times to bring application up in failovers.  ¬ Giving KT to new joiners and helping them to resolve minor issues. |
| **Team Size** | 5 |
| **Project Duration** | 2 years and 3 months |

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| **Project 3** | **CenturyLink  Internal** |
| **Responsibilities:** | ¬ Administration of GITHUB includes creating branches, tagging. Maintaining source code in GITHUB repository  ¬ Used Maven scripts to build the source code Automated build scripts using Maven and Shell Scripts.  ¬ Involved in installing Jenkins on a Linux Machine. And creating a Master and Slave configuration to implement multiple parallel builds through a build.  ¬ Installing and configuring the GIT, Maven, Sonar, Nexus, Docker, and Kubernetes with Jenkins for CICD.  ¬ Used Helm charts and Deployment templates to generate Kubernetes Manifest and deployed in k8’s cluster.  ¬ Configured Jenkins CI tool for project and setup Nightly Builds Using Build Periodically. Automated the code deployment process in each environment (development, QA, Staging, Production).  ¬ Create the Kubernetes cluster by using kubeadm. Responsible for writing the Manifest and Service files.  ¬ Involved in the release process and Deployed applications in Kubernetes Cluster. Creating the Kubernetes cluster and writing the manifest files and Service files. Involved in the release process and Deployed applications in Kubernetes Cluster.  ¬ Configured a continuous integration process and interface with the operations team to ensure project Artefacts are deployed automatically to various environments using Jenkins. |
| **Team Size** | 3 |
| **Project Duration** | 1 year and 4 months |