6 + years | Sandeep K | DevOps Engineer

**Technical Skills:**

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| Version control system | Git, GitHub |
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| Operating Systems | Linux, Windows |
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| Scripting | Shell Scripting and Groovy - |
|  | Manageable |
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| Build Tools | Maven, Ant and Gradle |
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| Application Server | Apache Tomcat, Nginx |
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| Artifact repository Manager | Nexus |
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| Quality code Management Tool | SonarQube |
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| Continuous Integration Tools | Jenkins (CI) |
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| Cloud Environment | AWS |
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| Containerization Tool | Docker |
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| Container Orchestration | Kubernetes. |
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| Ticketing Tool | ServiceNow, Jira |
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**Project Experience**

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| **Project 1** | **Lumen Technologies** |
| **Description:** | * Lumen Technologies, Inc. (formerly CenturyLink) is an American telecommunications company headquartered in Monroe, Louisiana, that offers communications, network services, security, cloud solutions, voice, and managed services. The company is a member of the S&P 500 index and the Fortune 500. Its communications services include local and long-distance voice, broadband, Multi-Protocol Label Switching (MPLS), private line (including special access), Ethernet, hosting (including cloud hosting and managed hosting), data integration, video, network, public access, Voice over Internet Protocol (VoIP), information technology, and other ancillary services. Lumen also serves global enterprise customers across North America, Latin America, EMEA (Europe, Middle East, and Africa), and Asia Pacific. |
| **Responsibilities:** | * 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. * Explaining teams about the pipeline and deployment setup, clearing their towards DevOps process. * Worked on debugging issues, whenever there is a failure in deployment. * Creating services and maintaining their endpoints. * Creating ingress as per the dev requirement and making sure application is accessible from in/out of the network. |

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| **Roles** | * 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.   . |

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| **Team Size** | 3 |
| **Project Duration** | 1.3 year |
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| **Project 2** | **Cisco** |
| **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:** | * 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. * Worked on sql db to fetch data by using sql quires through toad. * Making sure the application is always up and running. * Worked on Incident management, collecting critical incidents and giving hand over among the shifts. * Writing Jenkins files to create a multi branch pipeline with multiple stages. * Clearing log files and taking back up in case of exceeding resource limits. * Creating/terminating instances based on requirements and deploy Docker container on that. * Writing ansible playbooks to pull the containers from the antifactory and deploy it in respective environments. |
| **Roles** | * Environment setup and writing Jenkins jobs and pipelines. Containerized the applications using Docker file Worked on EKS for Kubernetes on cloud. * 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 |
| **Team Size** | 15 |
| **Project Duration** | 2.3 Years |

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| **Project 3** | **Innominds Software Pvt Ltd** |
| **Description:** | * Innominds is an AI-first, platform-led digital transformation and full cycle product engineering services company headquartered in San Jose, CA. Innominds powers the Digital Next initiatives of global enterprises, software product companies, OEMs and ODMs with integrated expertise in devices & embedded engineering, software apps & product engineering, analytics & data engineering, quality engineering, and cloud & devops, security. It works with ISVs to build next-generation products, SaaSify, transform total experience, and add cognitive analytics to applications. |
| **Responsibilities:** | * 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 Repos in github giving access to users, helping them to clone/fork their repos * Creating Jenkins jobs and configuring as per dev requirements. * Creating Document to track all issues for future reference. * Experienced in Logstash, Kibana and Elastic search. |
| **Roles** | * 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. |
| **Team Size** | 2 |
| **Project Duration** | 2.6 Years |