**VENKATESWARLU** [**venkatdevops8328@gmail.com**](mailto:venkatdevops8328@gmail.com)

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4+ years of experience, with strong expertise in the fields of DevOps using various automation tools to oversee the end-to-end deployment process.

### Summary:

* 4.9 years of experience in DevOps and Build and Release Engineering in Automating, Building, Deploying and Releasing of code from one environment to another environment.
* Configured AWS EC2 Instances using AMIs and launched instances with requirements of specific applications
* Expertise in AWS Cloud Administration which includes services like EC2, VPC, AMI, S3, CloudFormation, ELB, ALB, ECS, ECR, IAM, EIP.
* Working experience in Continuous Delivery, Infrastructure Automation using Ansible.
* Experience in writing Ansible playbooks.
* Experienced in Creating playbooks for Ansible and deploying applications to Tomcat using Ansible playbooks via Jenkins.
* Experience on supporting Ansible Environment with multi servers and involved in developing manifests.
* Hand on experience in delivering container-based deployments using Docker.
* Created Docker images from scratch and customized and modified base images from existing environment configurations and maintaining the image repo for development teams
* Experience on setting up and managing Docker private repository.
* Having experience in creating custom Docker Images using Docker file.
* Experience working on several Docker components like Docker Engine, Hub, Container and Docker Registry.
* Good experience with Continuous Integration Tools like Jenkins.
* Automated build process used for Java applications using Jenkins.
* Experienced in Master and Slave configuration in Jenkins.
* Experience in working with version control systems like GIT and used Source code management tools like GitHub.
* Responsible for creating repositories and branches in GIT.
* Working knowledge on merging code lines in the GIT and resolved all the conflicts raised during merges.
* Extensive experience in using MAVEN as build tools for building of deployable artifacts (jar, war & ear) from source code.
* Good experienced in using Build and Automation tools like Maven.
* Set up the new build environment for various applications in Windows/Linux environment
* Helped users in day-to-day activities involving check-in, check-out, branching problems, and users’ access control.

### Professional Experience:

* Currently Working as a DevOps Engineer in **Motorola Solutions** from Sep 2018 to till date.
* Worked as a Build & Release Engineer in **SVM Technologies Pvt Ltd** from April 2016 to April 2018.

### Educational Qualifications:

* B-Tech Electronics and Communication Engineering from JNTU Kakinada.

### Technical Skills:

**Operating Systems : Linux/Windows**

**Version Control Tools : GIT, SVN**

**Build Tools : Maven**

**Continuous Integration Tools : Jenkins**

**Scripting Languages : SHELL**

**Configuration Management Tools : Ansible**

**Containerization Tool : Docker**

**Cloud Technologies : AWS, AZURE**

**Artifactory Tool : Nexus ,Jfrog**

**Code Quality Tool : Sonar Qube**

**Monitoring Tool : Nagios**

**Ticketing Tool : Jira**

### Projects:

**Project#4:**

**Project Name :** Mobile Broadband Network Limited (MBNL)

**Role :** DevOps Engineer

**Description:** Mobile Broadband Network Limited (MBNL), the joint venture company owned by Three UK and EE, have selected Ericsson (NASDAQ: ERIC) to manage operations and maintenance of the growing MBNL radio access network in the UK.Ericsson will provide MBNL with a fully managed end to end operations service that includes the network operations center, network performance and optimization, field support and maintenance, as well as multivendor spare parts management service for its 2G and 3G networks and EE and Three UK deployments of 4G technology. Ericsson will deliver a customer-centric operational model providing Three UK and EE with a greater level of insight into their networks enable an enhanced customer user experience. They will also be able to identify areas for future improvement in line with the rapidly changing demands of the market.

**Responsibilities:**

* Worked with development, QA and operations teams to ensure that newly developed software code is built and released as smoothly and efficiently as possible.
* Deploying the source code at target server’s using Ansible.
* Expertise in AWS Cloud Administration which includes services like EC2, VPC, AMI, S3, CloudFormation, ELB, ALB, ECS, ECR, IAM, EIP
* Experienced in Creating playbooks for Ansible and deploying applications to Tomcat using Ansible playbooks via Jenkins.
* Maintaining the source code and performing deployments towards TEST/UAT/PROD environments and troubleshooting on various servers in case of failures.
* Created Docker images from scratch and customized and modified base images from existing environment configurations and maintaining the image repo for development teams
* Installed Continuous Integration Server Jenkins as a service, configured the projects on Jenkins and automated the build, deployment and test execution on all the target platforms. Shared the nightly build results with the teams.
* Performed both manual and automated builds using Jenkins.
* Notify Broken builds to appropriate Team / Team Members and enable for successful build.
* Provide support to Production, Development environments.
* Maintaining scripts to automate the build, packaging as well as automation of time consuming, error prone tasks associated with the build.
* Configured and deployed applications in various work environments like Development, Test, and Production using Ansible.

**Project#3:**

**Project Name :** Adaptik Corporation

**Role :** DevOps Engineer

**Description:** Adaptik Corporation was founded in 2000 by seasoned insurance professionals who understand that the best policy administration solutions require an innovative approach to software architecture as well as functionality. They recognized the need for a nimbler technology to meet policy administration challenges in a practical, rapid, cost-effective way.

**Responsibilities:**

* Developed and Implemented Software Release Management strategies for various applications according to the Agile Process.
* Involved in editing the existing ANT/MAVEN files in case of errors or changes in the project requirements.
* Extensively experienced in using Build and Automation tools like Ant, Maven.
* Worked with cloning code from GIT repositories and had experienced in checkout to the branches and downloading code into MAVEN.
* Experience in writing Maven pom.xml and Ant build.xml for build scripts.
* Built and deployed EAR and WAR files with custom configuration settings using Maven Tool Kit and further deployed the archives into Apache Tomcat Web Server and WebSphere Application Servers.
* Leveraged AWS cloud services such as EC2, auto-scaling and VPC to build secure, highly scalable, and flexible systems that handled expected and unexpected load bursts.
* Expertise in AWS Cloud Administration which includes services like: EC2, S3, EBS, VPC, ELB, AMI, SNS, IAM, Route 53, Auto scaling, Cloud Watch, Cloud Formation, and Security Groups.
* Maven, Git, Jenkins, AWS, Docker, Linux, Oracle. Worked on various Docker/Kubernetes components like Docker Engine, Hub, Machine, Compose and Docker Registry.

**Project#2:**

**Project Name :** Charter Communications

**Role :** Build & Release Engineer

**Description:** Charter Communications is an American cable telecommunications company, which offers their services to consumers and businesses under the branding of Charter Spectrum. Providing services to 5.9 million customers in 29 states it is the third-largest cable operator in the United States.

**Responsibilities:**

* Automating infrastructure provisioning in AWS cloud with Ansible.
* Writing playbooks for configuration changes and application upgrades.
* Created individual roles for each task so that we can call them from playbooks.
* Setting up the new build environment for various applications in Linux environment. Maintain server loads across all environments.
* Used GIT in creating the packages, snapshots, branches for developers in version control.
* Administrated all aspects in GIT and troubleshoot with merge conflicts.
* Worked on weekly merges for different branches and resolving the conflicts as part of    release activities.
* Handling all phases of Build activities.
* Creating new jobs in Jenkins and managing the build related issues.
* Monitoring daily builds using continuous integration tool Jenkins.
* Creating and maintaining Continuous Build Process Documentation.
* Implemented rapid-provisioning and life-cycle management for Linux using Ansible, and custom Shell scripts.
* Worked closely with software developers and DevOps to debug software and system problems.
* Implemented continuous deployment system with Jenkins
* Used Maven as build tool on Java projects for the development of build artifacts on the source code.
* Worked with cloning code from GIT repositories and had experienced in checkout to the branches
* Builds are developed by using MAVEN tool and Jenkins is used in the Continuous integration server.
* Worked with the configured and maintained Jenkins to implement the CI process and integrated the tool with maven to schedule the builds.
* Trouble shouted Build and Deployment Issues, with little downtime.
* Coordinating with the Development team to fix the Build related issues.
* Created Docker images from scratch and customized and modified base images from existing environment configurations and maintaining the image repo for development teams.
* Worked with Docker containers which are lightweight and fast for reducing the cycle time of development, testing, and deployment

**Project#1:**

**Project Name :** Travel RP

**Role :** Build & Release Engineer.

**Description:** Travel RP is a Booking Engine, which can be prepared as an atomic place for doing booking of Air and Non-Air transportation, Hotels, Sightseeing, cruise like different modules are involved. It’s a fully automated booking system where the user can get the details of availability and fares from online /offline mechanism through GDS and private database. The system provides the facility to set up the product, company, client and supplier based on the contract policies and also concentrates different business.

**Responsibilities:**

* Performed all System Administration tasks like crone jobs, installing packages, and patches.
* Performing tape backups, archiving and checking data integrity through Shell Scripts and job automation.
* Installed, Configured and Administered Hudson/Jenkins continuous integration tool.
* Supported and developed tools for Integration, Automated Testing and Release Management.
* Used GIT as source code repositories.
* Used Jenkins for Continuous Integration and deployment into Tomcat application server