**KADE PRUTHVI THEJA**

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**Professional summary:**

* Have 5.0 years of experience in Softwareconfiguration Management as **DevOps Engineer** on **LINUX** environments.
* Hands on experience in **configuration management**, **DevOps**, and **Infrastructure management** with automation tools.
* Experience using **Agile** development methodology and **Continuous Integration/Delivery**
* Good experience in writing **Helm** **Charts**, Kubernetes yaml files for deployment of Micro services into Kubernetes clusters
* Managed **Kubernetes**charts using Helm. Created reproducible builds of the **Kubernetes**applications managed Kubernetes manifest files and managed releases of Helm packages.
* Performing **Rolling** Updates and **deployments** of containerized application on kubernetes clusters
* Troubleshooting the **pod** **failures** and updating the pod and deployment manifest files.
* Set up and maintained **Logging** and **Monitoring** subsystems using tools like; Fluentd, Prometheus
* Proficient in writing **Terraform** tf files in JSON format to build the AWS services with Infrastructure as a Code.
* Created and configured **elastic** **load** **balancers** and **auto scaling** groups to distribute the traffic and to have a cost efficient, **fault** **tolerant** and **highly** **available** environment.
* Good experience and **Administrate** the continuous integration tool like **Jenkins**.
* Expertise on **Installation** and Configuration of Continuous Integration tool **Jenkins**.
* Created automated **build and release** environment using Continuous Integration Tools Jenkins.
* Create and maintain fully automated **CI/CD pipelines** for code deployment
* Design, manage and improve the continuous integration **build pipeline** to reduce feedback time and improve reliability
* Configure, implement, and **automate Continuous Integration** and **Delivery pipelines** for software delivery teams utilizing Jenkins
* Daily activities include creating **builds**, deploying the **artifacts** in multiple **QA** and **Dev** environments and debugging **build failures** and worked with development and QA teams to resolve the same.
* Implement **Master and Slave** concept in Jenkins.
* Strong experience in**Software configuration management** tools(**GIT**)
* **Administering GIT repository**, and **assigning users** permission to **branches**, **resolving merge conflicts.**
* Perform **Bitbucketmigration** from one instance to another.
* Hands on experience in **Maven** build tool for **compiling** and **packaging** the **artifacts**.
* Strong knowledge in writing **Mavenpom.xml** files, adding **dependencies** etc
* **Administration** of a Maven Repository **(Nexus)**
* Having experience on **web** and **application** servers **Apache&Tomcat**.
* Work with **Development** Teams and Testing Team to establish a build schedule, execute the builds and **troubleshoot build failures**, if any.
* Manage all aspects of the **end to end release process**.
* Managed environments **DEV, QA, UAT** and **PROD** for various releases and designed instance.
* Build and deployed Docker containers and improving **developer workflow**, increasing **scalability**, and **optimizing speed.**
* Configuring **Docker containers** and creating **Docker files** for different environment
* Experience in **Container Management** and **Orchestration** Software like **Dockers, Kubernetes.**
* Experience configuring and updating the servers using **Configuration Management** tools like **Ansible**
* Good experience in **Ansible,** to Automate IT Infrastructure and control and manage their infrastructure.
* Hands on experience in **AWS** provisioning
* Actively manage, improve, and monitor cloud infrastructure on **AWS, EC2, S3, VPC**and including**backups**.
* Well versed in **Ngnix** forLoad Balancing, SSL, TCP/IP, networking and security.
* Provide **productionsupport** and development environments. Ability to communicate requirements effectively to team members and manage applications.
* Experience **installing** and **administeringapplications** in Linux**(RedHat&Centos)** environments including **debugging** and command line.
* Worked **independently** and respond to multiple and conflicting requests under **tightdeadlines** and in a **dynamic** working environment.
* Providing **on**-**Cal** support in weekends
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, **Scrum**, and waterfall Methodologies.
* Managed Environments like **Dev**, **INT**, **Cert**, and **Prod** for various releases.
* Played Key role as Build, Release and Deployment Engineer for the assigned project.
* Work closely with **Development** and **testing** teams to identify, prioritize and handle issues to resolve quickly.
* Having good exposure in Software Development Life Cycle (**SDLC**).

**Professional Experiences:**

* Working as a Consultant in **Infosys** from Oct 2019 to till date.
* Worked as **DevOps Engineer** in **USTechnology International Pvt.Ltd** from **Sep 3rd 2018 to AUG 28th 2019**
* Worked as a **SCM Engineer** in Thomson Reuters from **Mar 13th** 2017 to **AUG 30th** 2018.
* Worked as a **DevOps Engineer** in TCS from **July** 2014 to **Mar** 2017

**Academic Details:**

* Bachelor of technology in Mechanical Engineering from JNTU University, Anantapur 2014 with **75%** aggregate.

**Technical Skills:**

* SCM Tools : GIT, Bitbucket.
* Build Tool : Maven, Ant.
* Continuous Integration (CI) Tools **:** Jenkins.
* Configuration Management & INFRA **:** Ansible, Terraform
* Cloud services **:** AWS
* Operating Systems **:** Linux.Windows
* Monitoring **:** Sitescope, New-Relic
* Containerization **:** Docker, Kubernetes, Helm Charts
* Repository : Nexus, Artifactory
* Testing & Code Coverage : Junit,SonarQube
* Web&Application Server : Apache, Ngnix&Tomcat
* Scripting : Bash

**Projects:**

**Project #3:**

**Project : Boots**

Duration :September 03rd -2018 – Till date.

Role: DevOps Engineer

Client: UK,

Environment: Linux,Git, Jenkins, Maven, Docker, Ansible, Kubernetes, Helmcharts, EKS, AWS, Terraform

**Roles and Responsibilities:**

* Building/Maintaining Docker container clusters managed by **Kubernetes**, Linux, Bash, GIT, Docker, on EKS Utilized Kubernetes and Docker for the runtime environment of the **CI/CD**system to build, test deploy.
* Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using **GIT** source control.
* Configured and maintained **Jenkins** to implement the **CI** process.
* **Continuous Delivery** is being enabled through **Deployment** into several environments of Test, QA, Stress and Production using **Jenkins**.
* Automate the builds and deployment of projects using **Jenkins**.
* Assist in testing of version controls system **Bitbucket** migrating from one instance to another and performed **upgradation**.
* Working with teams to understand their process and ensure their standards are running as desired
* Build and maintain systems that are designed to provide uptime and ensure that disaster recovery mechanisms are in place.
* Testing **artifactory** migration and **upgradation** in sandpit environment before in production
* Implement, maintain and support reliable, timely and reproducible builds for project teams
* Hands on experience in automating builds and deployment process using BuildScripts.
* Involved in fixing the **Bugs** in the build script.
* Preparing the builds, scripts by using the maven build tool on the Linux platform.
* Implementing continuous delivery using **Ansible.**
* Experience in setup **Docker** environment.
* Experience in run **Docker** container.

**Project #2: \_**

**Project : WESTLAW.**

**Role : SCM Engineer**

**Duration : Mar 2017 to AUG 2018**

**Environment : Linux, Git, Jenkins, Maven, Shell, Sitescope, BigIP F5, Docker, Ansible.**

**Description:**

Thomson Reuters Westlaw is an [online legal research service](https://en.wikipedia.org/wiki/Computer-assisted_legal_research) for [lawyers](https://en.wikipedia.org/wiki/Lawyers) and [legal professionals](https://en.wikipedia.org/wiki/Legal_profession) in the [United States](https://en.wikipedia.org/wiki/United_States) and is a product of [Thomson Reuters](https://en.wikipedia.org/wiki/Thomson_Reuters). In addition, it provides proprietary [database](https://en.wikipedia.org/wiki/Database) services. Information resources on Westlaw include more than 40,000 databases of [case law](https://en.wikipedia.org/wiki/Case_law), state and federal [statutes](https://en.wikipedia.org/wiki/Statute), administrative codes, newspaper and magazine articles, public records, law journals, law reviews, [treatises](https://en.wikipedia.org/wiki/Treatise), legal forms and other information resource

# Roles and Responsibilities:

* Configured Jenkins jobs with **Git** and **Maven** for generating artifacts.
* Responsible for maintaining backups in**Jenkins**.
* Configured **Jenkins** with **Ansible** for deployment of the application in servers.
* Developing **Roles** for re-usability and sharing the roles.
* Maintaining the versions of Jenkins artifacts in **Artifactory**repository.
* Maintaining backups of Jenkins jobs to ensure the files in Workspace available.
* Managing **Jenkins** load by creating Jenkins slaves and ensuring parallel builds.
* Configured servers and deployed in different environments like **DEV,QA,UAT/STAGING**.
* we use **Git** to place our source code and involving in branching.
* Configured Jenkins with**GitHub**to automate the integration and notifying the errors in source code to the developers.
* Resolving the tickets rose in **Jira** regarding configuration and management of infrastructure.

**Project # 1**

Project Name : **Power and Gas Portal**

Client : Australian Power and Gas

Role : DevOps Engineer

Environment` : ANT, Maven, SVN, Jenkins, Chef, Shell scripting, Linux

Windows, BigIP(F5), SiteScope.

Duration : June 2015 – March 2017

**Description:**

Australian Power and Gas is an energy company that specializes in providing energy to residential households. Australian Power and Gas online portal enables its customers to track their energy usage online, pay their bills and access their payments history.

**Responsibilities:**

* Performing Build and Deployment of the applications in DEV, QA and PROD Environment.
* Supported build management and release engineering.
* Creating Tags and Branch and Merging using SVN.
* Maintenance of Source code for various products & releases by proper baselines for further manipulation.
* Documentation of Build & Packaging issue management process.
* Creating new development streams, bug fix branch & views for different projects.
* Installing and Configuring Jenkins, installing plug-in, configuring security, creating a master and slaves for implementation of multiple parallel builds.
* Troubleshooting applications related issues by log verification.
* Application & Production Support /Infrastructure Management.
* Automate deployment and release distribution process with Shell and Jenkins.
* Installed and configured apache webserver.
* Worked as part of Release Management Team to send the Deliveries to client.
* Communicate status of release to all stakeholders.
* Helping users on Day-to-Day activities involving git related issues and Access problems.

DECLARATION:

I do here by declare that all the information provided above is correct to the best of my knowledge.

**PRUTHVI.K**