**RESUME**

**Sai Kumar**

**Phone No: + 9704960320 Mail.ID:** [**sai.144143@gmail.com**](mailto:sai.144143@gmail.com)

**-----------------------------------------------------------------------------------------------------------------------------------------------------**

**PROFESSIONAL SUMMARY**

* **Having 4+ Years of IT experience as a DevOps/ Build and Release**
* **Working experience in continuous integration using Git, GitHub, Maven, Jenkins.**
* **Good working experience in building and deploying web applications in Linux environment.**
* Worked on MAVEN build tool to generate project Artifacts and troubleshoot Build issues.
* Administration of Jenkins server which includes Setup of Jenkins, Configure Nightly builds, and build and deployment automation.
* Working with build servers using AWS: Importing volumes**, Launching EC2,** creating security groups, **files** **upload to s3**, load balancers.
* **Responsible for administration of GIT version control. Perform activities like Branching, tagging, backup, restore, and access permissions**
* **Expertise Knowledge in version control installation GIT**.
* Building/Maintaining Docker container clusters managed by Kubernetes, Linux, GIT, Docker on AWS**.**
* Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy.
* Having good implementation experience with installation and configuration of Kubernetes, clustering them and managed local deployments in Kubernetes**.**
* **Configuration of Jobs for automated Build and deployments in Jenkins**.
* **Working experience in Jenkins in creating jobs as per the requirement.**
* **Played key role as Build, Release and Deployment Engineer for the assigned Projects.**
* **Hands on experience in Build and Configuration Management.**
* **Good knowledge on Terraforms.**
* Experience on AWS networking.
* **Implemented a Continuous Delivery pipeline with Jenkins and GitHub, Nexus, Maven and AWS.**
* **Performed installation & configuration of Tomcat Application Server.**
* **Knowledge in Design creation, Impact Analysis of the interface part of Application.**
* **Performed continuous Build and Deployments to multiple environments like Dev, QA, Perf and UAT.**
* **Good Knowledge of Software Development Life Cycle (SDLC) well versed in AGILE Methodologies.**
* **An experienced team member with good communication and interpersonal skills who has the ability to work independently under pressure.**

**WORK EXPERIENCE:**

* Working as a Devops Engineer from NTT Data from Jan 2019 to till

**EDUCATIONAL QUALIFICATION:**

* **Completed BCOM from Krishna University**.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Operating Systems** | Windows, Unix, Linux |
| **Application Server** | Tomcat |
| **Version Control Tool** | SVN,GIT |
| **Continuous Integration Tools** | Hudson, Jenkins |
| **Build Management Tools** | Ant, Maven |
| **Containerization Tool** | Docker, Kubernetes |
| **Deployment Tool** | Ansible |
| **Cloud Infrastructure** | Terraforms |
| **Cloud Platform** | AWS |

**PROJECT SUMMARY:**

**Project 3#**

**Client : CITI Bank**

**Role : DevOps Engineer**

**Team Size : 6**

**Environment : Web Services, SVN, ANT, Jenkins, Docker, Kubernetes, Terraforms, Linux, Html, CSS,**

**Apache & Tomcat**

**Roles and Responsibilities:**

* **Configuring a system, Management of Plugins and Nodes, Creating & Scheduling jobs, viewing the system logs using Jenkins**.
* **Experienced in deploying micro service applications using Docker.**
* **Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, S3.**
* Good understanding of Docker composes files and deploying services using stack deploy.
* Used JIRA for issue reporting.
* **Managed build results in Jenkins and deployed using workflows.**
* **Involved in setting up container orchestration such as Kubernetes**.
* Writing Kubernetes manifest files for Deployments in Kubernetes cluster.
* Experience in implementing Continuous delivery framework using Jenkins, Maven, Docker Wrote Ansible Play-Books for deploying the applications using Ansible.
* Provisioning Kubernetes Clusters and deploying applications on Kubernetes.
* Work on maintaining Kubernetes Clusters and Kubernetes Services.
* **Maintained and administered GIT source code tool, Created Branches, Labels and performed Merges in GIT.**
* **Provide troubleshooting and timely resolution of system, network and infrastructure problems.**
* **Monitoring Remote Hosts/Servers and Services using Nagios Server.**
* **Participate in 24x7 on-call incident escalation rotations.**

**Project #2**

**Client : Minol USA, USA**

**Role : DevOps Engineer**

**Team Size : 8**

**Environment : Subversion, GIT, Shell scripts, MAVEN, Jenkins, Java, AWS, Apache, LINUX,**

**Windows, Kubernetes, Docker, Ansible**

**Roles and Responsibilities:**

* **Developed Configuration Management GIT from scratch and prepared documentation accordingly.**
* **Involved in pushing the code to GitHub.**
* **Assist with maintaining current build systems, developed build scripts, and maintained the source control.**
* **Working with build servers using AWS: Importing volumes, Launching EC2, creating security groups, load balancers.**
* **Managed the source codes repository of multiple development applications using GIT version control tools.**
* **Worked with development, architectural teams in designing and setting up the infrastructure to ensure CI/CD work flow of the project.**
* Hands on experience in setting up databases in AWS using RDS, storage using the S3 bucket and configuring instance backups to S3 bucket to ensure fault tolerance and high availability.
* **Enabling customers to better manage software development, deployments and infrastructure with tools such as Kubernetes, Jenkins and GitHub.**
* **For agile development in a Fast-Paced Engineering Environment Proposed, implemented and administered Jenkins and designed continuous delivery pipelines**
* **Performed all necessary day-to-day Subversion/GIT support for the projects.**
* **Integrated Subversion (SVN)/GIT into Jenkins to automate the code check-out process without any human intervention by implementing the hook process in GIT.**
* **Automation Engineer for Developing Build and deploy tools like Jenkins.**
* **Involved in the functional usage and deployment of applications in Apache Tomcat Server**
* **For the development of build artifacts on the source code used MAVEN as a build tools.**
* **Participate in all the release meetings to identify and mitigate potential risks associated with the releases.**

**Project #1**

**Client : Omgeo LLC, USA**

**Role : DevOps/Build & Release Engineer**

**Team Size : 6**

**Environment : Maven, SVN, Jenkins, Apache, GIT, Nexus, AWS, UNIX**

**Roles and Responsibilities:**

* **Automated the build and deployment process across all Environments (Dev, Test, UAT and Production) utilizing Jenkins.**
* **Re-structured the GIT repository to best suit for CI and CD methodologies.**
* **Conducted Knowledge Transfer of how Jenkins Continuous Integration works.**
* **Written bridge scripts to move artifacts from Snapshots repository to Releases repository for Nexus.**
* **Made enhancements to current CI/CD pipeline to reflect the Agile Methodology and be able to deliver the code to the Environments for a thorough testing.**
* **Given training sessions to Dev Team, Test Team about the functionality and usage of SVN, Maven and Jenkins in respect to Agile Methodology and adopting a better DevOps Culture.**
* **Updated all the Jenkins Continuous Integration jobs, dependent jobs, snapshot jobs, release jobs, DB deployment jobs to reflect GIT changes.**
* Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances.
* **Maintain and monitor all system frameworks and provide after call support to all systems and maintain optimal Linux knowledge.**
* **Managed the source codes repository of multiple development applications using GIT version control tools.**
* **Merged release branches to the master after the production release and resolved the conflicts if any during the merge in GIT.**
* **Automated the tasks using Ansible.**
* **Implemented a Continuous Delivery pipeline with Jenkins and AWS.**
* **Developed to deploy into Tomcat servers with the help of Jenkins.**
* **Written build scripts from scratch for new projects and updated scripts for existing projects.**
* **Expertise in Enterprise repository management tools like Nexus, Artifactory etc.**
* **Maintained local team repositories and Organization's central repositories for Maven.**
* **Troubleshooting deployment, infrastructure and start up issues on various application servers’ product line.**