**Javvaji Srikar**

**Mobile: 7997160074**

**Email: jsrikar79@gmail.com**

**Profile Summary:**

Highly energetic **AWS, DevOps Engineer** with **3.9 years** of in-depth knowledge in Configuration Management, Build & Release Management and CI/CD automation in multiple dynamic environments.

**Professional Summary**:

* Experienced as a Build and Release Engineer in automating, building, deploying, and releasing of code from one environment to multiple environment.
* Experienced with CI (**Continuous Integration**) and CD (**Continuous Deployment**) methodologies using **Jenkins.**
* Good Working Knowledge on Source Code Management (**Version control system**) and tools like **GIT.**
* Implemented and build tool such as **Maven** to automate and enhance the overall operational environment.
* In-depth understanding of the principles and best practices of Software Configuration Management processes (**Compiling, Packaging, Deploying and Application configurations**).
* Highly experienced in Infrastructure & Configuration Management (**Ansible**).
* Proficient in AWS Cloud platform and its features which includes **EC2, S3, IAM, EBS, VPC, Subnets, Auto scaling, Cloud Formation, Security Groups** and **NACL, Cloud Watch** and **SNS.**
* Extensively used build utilities like **Maven** for building of **jar, war** and **ear** files.
* Knowledge on Elastic search databases and creating **kibana dashboards** on **Elastic search data.**
* Experienced in branching, tagging and maintaining the version across multiple environments using SCM tools (**GIT, TFS**) on **Linux** and **Windows** platforms .
* Configuring **Docker Containers** and **Docker** **Files** for different environment and troubleshooting the various issues related to Docker Containers.
* Knowledge of **Container Management** and **Orchestration Tool** (**Kubernetes**).
* Involved with Dev/Test Teams during build schedule, execute, troubleshoot build failures during release managed environments (**DEV, QA, UAT and PROD**).
* In-depth understanding of **Software Development Life Cycle** (SDLC), Traditional methodology(Waterfall Model), **Agile Methodology.**
* Good analytical and communication skills and ability to work independently with minimal supervision and perform as part of a team.
* Good Knowledge on **Python.**
* Posses excellent communication skills, analytical skills, inter-personal skills and ability to work efficiently in both independent and team environments.

**Professional Experience:**

Currently working as a **DevOps & Cloud Engineer** in Wipro Ltd, Hyd from **Apr 2017** to **Till Date**.

**Educational Details:**

**B.Tech** from Pulla Reddy Institute of Technology, JNTU, Hyderabad in **2016**.

**Technical Skills:**

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| **Skills** | **Details** |
| **Operating Systems** | Linux(Ubuntu, CentOS), Windows , Android, Mac |
| **Configuration Management** | Ansible, Chef |
| **Databases** | SQLServer 2008/2012, Oracle, RDS |
| **Build Tool** | Maven |
| **Continuous Integration** | Jenkins(Build, Plugins, Pipelines) |
| **Version Control Tools** | Git(GitHub), TFS |
| **Web Servers** | Apache, Tomcat, IIS7 |
| **Languages/Scripts** | Python, Linux Shell, Yaml, JSON, Power Shell |
| **Cloud Platform** | AWS |
| **AWS Services** | * EC2, S3, IAM, EBS, VPC, Subnets, Auto scaling, Cloud Formation, Security Groups and NACL, Cloud Watch, SNS |
| **Containerization** | Docker, Kubernetes |
| **Monitoring Tool** | Nagios, Aws Cloud watch |
| **Code analysis** | SonarQube |

**Professional Experience**:

**Project : NCH Corporation, Austin TX Oct 2019 – Till Date**

**Client : NCH Corporation USA**

**Role : DevOps/Cloud Engineer**

**Environment : Linux, AWS, Chef, Ansible, Jenkins, , Maven, ANT, Nexus, Perl, Python, Subversion, Bash, Shell, JIRA, SQL.**

**Description**:

NCH Corporation is a major international marketer of maintenance products, and one of the largest companies in the world to sell such products through straight marketing. National Disinfectant Company, NCH Corporation is one of the strongest and largest leading global provider of industrial maintenance solutions in the world. Participate in the utilization of a fully automated self-service platform in AWS that could also work in a hybrid cloud environment Ensuring product and technical features are delivered to spec and on- time. Developed and implemented tools and frameworks to improve security, reliability and performance.

**Responsibilities:**

* Involved in creating the company's DevOps strategy in a mix environment of Linux (Ubuntu, CentOS).
* Worked on Branching and Merging, Resolving Branching Strategy maintaining Branching strategy using GIT.
* Worked with an agile development team to deliver an end to end continuous integration/continuous delivery product in an open source environment using Ansible and Jenkins to get the job done.
* Configuration of end to end Jenkins Both Server and Slave side.
* Performed the automation using Ansible Configuration management.
* Provisioning and Managing of Instances over AWS as per requirement and Resolved conflicts related to merging of source code.
* Developed and maintained UNIX/Perl/Ant scripts for build and release tasks.
* Integrated Git, Jenkins, Maven in accomplishing continuous integration with poll SCM, build trigger.
* Experience in writing Ansible scripts.
* Worked on Launching Amazon EC2 Cloud Instances using Cloud Formation and configuring the launched instances.
* Worked with cloud providers and API's for Amazon (AWS) EC2, S3, VPC with Cloud Sigma (EU) and GFS storage.
* Experienced in build and deployment of Java applications on to different environments such as QA, UAT and Production.
* Installing and configuring Jenkins, Installing plug-in, configuring security.
* Has Experience in continuous integration technologies with Jenkins. Designed and created multiple deployment strategies using Continuous Integration and Continuous Development.
* Creating a Jenkins master and slave for the implementation of multiple parallel builds.
* Creating Jenkins build jobs based on the requirement.
* Automating the process of Server configuration through Ansible Playbooks.
* Automated the build and release management process including monitoring changes between release Automated the build and release management process including monitoring changes between releases.
* Experience with Build Management tools Ant and Maven for writing build.xmls and pom.xmls.
* Deploying the generated artifacts using Ansible.
* Implementing a Continuous Delivery framework using Jenkins, Ansible, Maven & Nexus in Linux environment.
* Created Docker Images using Dockerfile to support containerization applications.
* Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu/RHEL) and Configuring launched instances with respect to specific applications.
* Responsible for building and releasing packages for testing.
* Created AWSLaunch configurations based on customized AMI and use this launch configuration to configure auto scaling groups and Implemented AWS solutions using EC2, S3, RDS, Dynamo DB, Route53, EBS, Elastic Load Balancer, Auto scaling groups.
* Carried deployments and builds on various environments using continuous integration tool .

**Project : Nike Portland Apr 2017 to Sept 2019**

**Client : Nike Portland**

**Role : AWS + DevOps Engineer**

**Environment : Linux, AWS, Chef, Ansible, Jenkins, , Maven, Python, Subversion, Bash, Shell, JIRA.**

**Responsibilities:**

* Installation, configuration, and administration of Tomcat Application Server.
* Installed and configured GIT and communicating with the repositories in GITHUB.
* Monitored Tomcat Application Server in a clustered and non-clustered environment.
* Setting up the Ansible Master and Ansible Nodes.
* Configured Maven and Jenkins to deploy the generated artifacts to Artifactory.
* Recommended and used hybrid clustering (horizontal and vertical) to make use of efficient resources on a single system and to provide for hardware failover and load balancing.
* Used the version control system GIT to access the repositories and used in coordinating with CI tools.
* Involved in branching and merging of code.
* Creating S3 Buckets and writing bucket policies to the specified users.
* Writing shell script to automate various administration tasks such as configuration, application deployment, ear/war installation, backups.
* Configuring Linux, Ubuntu slaves for Jenkins so that Build is Developed and Pushed to Docker Containers Using AWS.
* Experience working with IAM in order to create new users, roles, and groups and Create & Manage Auto scaling on Aws.
* Configured the application to run on the data center using Terraform.
* Designed Ansible Modules to manage configurations and automate installation process.
* Involved in writing Shell scripts to automate tasks and application specific syncs / backups and other schedulers.
* Troubleshooting various issues involving the integrations of Tomcat Apache Server, and LDAP.
* Responsible for writing Ansible playbooks for installing the packages and configuring, updating the remote servers.
* Involving on build releases and deployments.
* Responsible for documenting the various procedures involved in the day-to-day maintenance of the various environments.
* Owner of Jenkins, GitHub, Puppet, Arti-factory, and all internal build systems for the core development team on an enterprise-level python-based cloud orchestration/automation tool.
* Installed, Configured, Managed Monitoring Tools such as Splunk, Nagios for Resource Monitoring/Network Monitoring/Log Trace Monitoring.
* Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu/RHEL) and Configuring launched instances with respect to specific applications.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with Java, PHP, Python and Docker on familiar servers such as Apache, and IIS.

(**Srikar** J)