**ARUN KUMAR**

## Contact No: +91 – 9148647620 E-mail: arunkumar.thota1710@gmail.com

**Professional summary:**

* Having around4+ years of Overall experience in the IT industry, which includes 3+ years in implementation of **DevOps**   and 1 year in LINUX environments.
* Hands on experience in configuration management, **DevOps,** and Infrastructure management with automation tools.
* Experience with cloud infrastructure of **AWS** (**Amazon Web Services**) and computing AMI virtual machines on **EC2** (**Elastic Compute Cloud**).
* 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.**
* Automation of build process **(**Build automation) using the Jenkins and Git.
* Implement Master-Slave concept in **Jenkins.**
* Good experience on CI Tools like **JENKINS**.
* Experience configuring and updating the servers using **Configuration Management** tools like **Ansible.**
* Hands on experience in **Maven** build tool for compiling and packaging the artifact.
* Hands on experience in repository tool **Nexus** with Maven integration from Jenkins pipeline.
* Hands on experience in configuring **SonarQube** with Maven from Jenkins pipeline.
* Hands on experience in monitoring tools like **Nagios** with **nrpe** and custom command creation using **Shell Script**.
* Having experience on **Apache Tomcat.**
* Virtualized the servers AWS using Docker, created the **Docker Files**, built **the Docker Images,** ran the **Docker Containers**.
* Strong knowledge about Software configuration management tools( **GIT).**
* Good knowledge on experience on the **Kubernetes**.
* 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 instances.
* Experience in creating the company’s DevOps in a mixed environment of  Linux (RHEL, Ubuntu) servers along with creating and implementing a cloud strategy based on  Amazon web servers.
* As part of the core DevOps team ,responsible for developing playbooks in ansible.
* Managed servers on the Amazon Web Services(AWS) platform instances using Ansible.
* Responsible for code merges on a regular frequency to integrate the source code from various branches to maintain baseline code after every release
* Provide production support and development environments. Ability to communicate requirements effectively to team members and manage applications.
* Administering GIT repository, and assigning users permission to branches, resolving merge conflicts, reviewing pull requests.
* Managing version control tools, builds and deploy for java based applications.

**Professional Experiences:**

* Working as **DevOps Engineer** in **TCS .** from **May, 2019 to till date**.
* Working as **DevOps Engineer** in **KIRUSA.** from **Oct, 2017 to Apr 2019**.

**Academic Details:**

* B.tech Computers Science and Engineering from St Ann’s College of Engineering and Technology in 2015.

**Technical Skills:**

* SCM  Tools             **:** GIT
* Build Tool : Maven
* Continuous Integration (CI) Tools **:** Jenkins.
* Configuration Management Tools **:** Ansible.
* Cloud services **:** AWS.
* Operating Systems **:** Linux, Windows.
* Scripting Languages **:** Shell Script.
* Editor Tools **:** Vi,Vim.
* Virtualization **:** VMware, Docker.
* Repository : Nexus
* Code Analysis : SonarQube
* Project Management : JIRA
* Containerization : Docker
* Container Orchestration : Kubernetes

**Project 2:**

**Project Title :** Expedia Inc.

**Role :** AWS-DevOps Engineer.

**Duration :** May 2019 to till date.

**Roles and Responsibilities:**

* Installed application on AWS EC2 instances, also configured the storage on S3 buckets.
* Creating users in IAM with specific permissions to restrict the usage of AWS components without authorized permissions.
* Configured AWS IAM and Security Group in Public and Private Subnets in VPC.
* Monitoring the Production Servers on EC2 instances using CloudWatch service available on AWS for incessant service.
* Performed S3 buckets creation, policies, and also on IAM role-based policies.
* Setting Cloud Watch Alarm for monitoring & integrating it with ELB, EC2, Autoscale etc.
* Experience in configuring Auto Scaling Groups with EC2 so that to increase/decrease the no. of instances when required.
* Installed, Configured, Managed, and Created different Build and Deployment Jobs in Jenkins.
* Build Management - Experience in tools such as Jenkins, Maven, Nexus for build management
* Hands-on experience with Configuration Management Tool such as Ansible
* Experienced in building automation, Project Management tools like Maven.
* Used Jenkins, for Continuous Integration and deployment into Tomcat Application Server.
* Branching, Tagging, release activities on version control tools like GIT & Github
* Responsible for supporting 24X7 in production and non-production environments.

**Environment:**  AWS Cloud, Apache Tomcat, Linux, Ansible, Terraform, GIT, Maven, Jenkins.

**Project 1:**

**Project Title :** Farmers Insurance.

**Role :** DevOps Engineer.

**Duration :** Oct 2017– Apr 2019.

**Roles and Responsibilities:**

* Maven build tool for the building of deployable artifacts (jar and war) from source code.
* Integrated Git with Jenkins for SCM.
* Implemented the Continuous Integration server (Jenkins) for automating the build process for Maven projects.
* Integrated SonarQube with Jenkins for code review.
* Maintaining backup and versioning of war/ear file using nexus repository.
* Managing Continuous Integration and Continuous Delivery using Jenkins.
* Build and Release management – Git, Maven, Jenkins administration, Nexus.
* Performed monitoring using Prometheus.
* Managing Jenkins artifacts in Nexus and versioning the artifacts with time stamps.
* Configuring the Apache Tomcat for java application deployment.
* Experience with automation and configuration management (Ansible).

**Environment:**  Apache Tomcat, Ansible, Git, Maven, Jenkins, Nexus.