**DEVOPS ENGINEER with 6.5 years**

**Rakesh Balaganur**

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**TECHNICAL SUMMARY:**

* Having 6.5 Years of Experience as a “DevOps/Build & Release Engineer” for Java Based Web Applications.
* Responsible for administering and supporting version control systems (GIT) on Linux.
* Experience in Creating branches, tags, user locking, branch locking, and Daily Activities Included Force builds, daily patches.
* Expert in Amazon AWS Cloud Administration which includes services like: **EC2, S3, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Watch, Cloud Front, Cloud Trail, Security Groups** etc.
* Expert in build automation tool MAVEN for Build development in Linux.
* Extensive experience using MAVEN as build tool for the building of deployable artifacts from source code.
* Deployed infrastructure on **AWS** utilizing services such as **EC2,VPC** and managed **Network** and **Security**, **IAM**, **ELB**, **S3** and **Cloud watch** monitoring.
* Proven knowledge with AWS services Creating, configuring and Managing **Auto Scaling, and Load Balancer and VPC** services across **AWS Cloud**.
* Experience in Build & Release Activities, which involves Building source code, handling and Administration of Version control tools (Subversion, Git), maintaining CI environments (Jenkins/Hudson).
* Build, Configure, Manage and Coordinate all Build and Release Management activities.
* Expertise in Installation, Configuration, Administration and Maintenance of CI tools Jenkins/Hudson.
* Having good experience in Ansible Configuration management tool.
* Set up & configure the necessary infrastructure support to all teams.
* Strong familiarity with software configuration management system.
* Experience in **Docker Containerization** and creating images from **Dockerfile.**
* Good work experience in end-to-end Building, deploying and configuration process and Implementation from local QA environment to UAT and Production.

**EXPERTISE/SKILLS:**

* Version Control : Git
* Build Tool : Maven
* Continuous Integration : Jenkins/Hudson
* Scripting Language : Shell Script, Groovy script
* Operating System : windows,LINUX(RHEL)
* Static code analysis tool : Sonar
* Application Server : Tomcat
* Web Server : Apache
* Bug/Defect Tracking Tools : JIRA
* Configuration Management Tool : Ansible
* Contamination platform : Docker
* Cloud Platform : AWS
* Other tools : Terraform

**EXPERIENCE SUMMARY:**

* working as DEVOPS Engineer at Crestron Electronics, Bangalore from Dec 2014 to till date,

**PROFESSIONAL EXPERIENCE:**

**Project :**

**Environment**: GIT, MAVEN, Nexus, Jenkins, Docker, Kubernetes, Terraform, RHEL, TOMCAT, Shell Scripting.

**Role** : Devops Engineer

**Description:** provide software for manufacturer and distributor of audiovisual automation and integration equipment. Distributes equipment used to control technology in commercial audiovisual environments such as meeting spaces, conference rooms, classrooms and auditoriums;

Crestron equipment is also used for high-end residential audiovisual installations

**Roles & Responsibilities:**

* Deployed and monitored scalable infrastructure on Amazon web services specifically on AWS EC2.
* Created and managed **Kubernetes** cluster in the public cloud on DEV, TEST, and PROD environments.
* Building/Maintaining Docker container clusters managed by **Kubernetes**
* Developing Ansible Playbooks for different scenarios to manage the infrastructure and integrating with CI / CD (Jenkins).
* Configured **Jenkins** with maven build tool to generate the war/ear files and archived integration.
* Configured and maintained Jenkins to implement the **CI** process and integrated the tool with Maven, And Scheduled the builds and automated the deployment on the application servers using the plug-ins e.g. deploy-container on **Jenkins**.
* Responsible for installing **Jenkins** master and slave nodes.
* Used **Ansible** and other configuration management tools to **deploy** consistent infrastructure code across multiple environments.
* Performed **EC2 instances** provisioning on **AWS** environment and implemented **security groups** Integrated Jenkins through Git hub Authentication.
* Enabling the Role based access to the Jenkins.
* Resolving build issues like adding the build profiles on maven configuration file.
* Enabling the sonarqube Quality gates for the modules of the project to maintain the Stability of the code quality.
* Generating the sonarqube reports for the individual modules of the maven project.
* Deployed the build artifacts into environments like QA, UAT and production according to the build life cycle.

**QUALIFICATION:**

BCA - LAXMI VENKATESH DESAI COLLEGE, RAICHUR - GULBARGA UNIVERSITY

PUC - GOVT PRE-UNIVERSITY COLLEGE, RAICHUR - Karnataka Board of the Pre-University Education, Bangalore

SSLC - LIONS HIGH SCHOOL, RAICHUR - KARNATAKA SECONDARY EDUCATION EXAMINATION BOARD, BANGALORE

**Declaration:**

I hereby declare that the information furnished above is true to best of my knowledge.