**Gopala Rao P**

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Mobile: **+91**- **7989280050** **Dev0ps Engineer**

**Professional summary:**

* **5.2** years of Professional Experience as **System Engineer**, **DevOps engineer** and **AWS** in Design, Development, optimization support and administration.
* Expertise in **DevOps, Release Engineering, Configuration Management, Cloud Infrastructure, Automation**. It includes Amazon Web Services (AWS), **Maven, Jenkins, Git, Tomcat & Linux etc.**
* Good understanding of the processes in Software Development Life Cycle. Hands on Experience on Deployment for Applications.
* Experience in working in **Agile Methodology**(SCRUM).
* Implemented Ducker CI/CD with Jenkins in a clustered environment
* Implemented Continuous Integration and Continuous deployment using various CI Tools like **Jenkins** .
* Extensively experienced in using Build Automation tools like Maven.
* Experienced in trouble shooting and automated deployment to web and application servers.
* Responsible for all aspects of the software configuration management tools like **Ansible** process including code compilation, packaging / deployment / release methodology, and application configurations.
* Involved in build outs and configuration of Domains, Servers, Clusters, deployment of applications (**WAR, JAR,EAR,**), and performance tuning, monitoring and troubleshooting.
* Well versed in writing UNIX Shell Scripts and scripts to automate System Admin jobs and created Cron jobs for timely execution of jobs.
* Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and pritorize multiple projects.
* Worked with different Bug tracking tools like **JIRA**.
* Team player with excellent interpersonal skills, self-motivated, dedicated and understanding the demands of 24/7 system maintenance and has good customer support experience.
* Experience with monitoring tools like Solarwinds.
* Expertise in Amazon AWS Cloud Administration which includes services like: **EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Watch, Security** Groups etc.
* Hands-on experience in working with configuration management tools like ANSIBLE.
* Experience working on several **Docker** components like Docker Engine
* Experience writing Shell scripting(Bash), automate the deployments.

EDUCATION:

* Completed B. Tech from **JNTUK**, India.

PROFESSIONAL EXPERIANCE:

* Worked as System Analyst in **Stratogent Technology services** from Jul 2018 to May 2020.
* Worked as System administrator in **ziafa technologies** from Feb 2015 to Jun 2018.

TECHNICAL SKILLS:

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| **Operating Systems** | Windows, Linux |
| **Database** | MySQL |
| **Application Server** | Apache Tomcat |
| **Version Control Tool** | GIT |
| **Continuous Integration Tool** | Jenkins |
| **Build Tool** | Maven |
| **Scripting** | Shell Script |
| **Process** | Agile (Scrum Team) |
| **Monitoring Tools** | Solarwinds |
| **Cloud Environment** | AWS |
| **Virtualization** | VMware, Docker |
| **DevOps Tools** | **Git,Maven,Jenkins,Ansible,Docker,Sonar cube,Ansible,Nexus** |

Professional Experience:

Project - 2 :

Project : Ebates online shopping portal

### Role : Build and Release \ Devops Engineer.

Environment: JENKINS, LINUX, WINDOWS, GIT, MAVEN, SHELL SCRIPTING, AWS,

DOCKER, NAGIOS, NEXUS, ANSIBLE.

**Description:**

Ebates.com is a online shopping portal which gives cash back for the purchases of customers. This site is used to display different coupons and discounts available for the user and also management of their accounts. Ebates is all about saving money and getting Cash Back whenever you shop online When you become a member and shop through E-bates, you can save money every year on the things you're already buying. Once the user shops from the store those are displayed in Ebates.com site, cash back will be credited to their account.

Roles and Responsibilities:

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| --- |
| * Created nodes in Jenkins to distribute the load & to run the jobs parallel. * Automated the Build process using Jenkins jobs. * Creating Ansible playbooks, roles and hosts inventory groups. * Responsible for tagging and maintain code on version control system GIT. * Perform Build activities using Maven and Jenkins tool. * Provide timely and accurate on-call support for the production environment. * Excellent Customer Facing skills. * Developed automation and deployment utilities using Bash, Shell scripts * Perform day –to-day operations including health checks and maintenance activities in support of the application. * Responsible for identifying, troubleshooting and resolving problems with the build process using Jenkins and ensures that the release has been accepted by all parties. * Perform day –to-day operations including health checks and maintenance activities in support of the application. * Configured and maintained Jenkins to implement the CI process and integrated the tool with Ant and Maven to schedule the builds and automated the deployment on the application servers using the “code deploy” plug-in for Jenkins. * Created build.xml, JAR, WAR, EAR Files through Ant. * Participated in the application builds and deployments to Dev, QA, STAG and Prod environments. * Worked as merge contact from offshore for code merging process. * Responsible for identifying, troubleshooting and resolving problems with the build process using Jenkins and ensures that the release has been accepted by all parties. * Installation, Configuration, Maintenance, experience of source code management systems Subversion, GIT. * Administration/Maintenance experience of continuous integration build engines using Jenkins * Experience with build tools utilities like Ant, Maven. * Experience in Linux server builds and configuration. * Set up and configure Sonar and integrated it with CI for different modules. * Administration of Hudson/Jenkins Managing Hudson/Jenkins and installing plug-ins. * Responsible for setting up the CI environment with the project existing build scripts. * Automated the deployment process for QA environment using Jenkins. * Continuous Integration solution has been implemented using Jenkins and integration of CI with all other code analysis & report generation tools. * Automating manual processes using shell scripting. * wrote docker files and created containers for build purpose. * Build and configure a virtual data center in the Amazon Web services cloud to support Enterprise Data Warehouse hosting Virtual Private Cloud(VPC), Public and Private Subnet, Security Groups, Route Tables and Elastic Load Balancer. * Developing scripts for build, deployment, maintenance and related tasks using Jenkins, Docker, Maven, Bash. * Creating CI/CD pipelines by integrating GitHub, maven, Jenkins, Ansible, Docker and AWS (provisioning)Integrated AWS Cloud Watch with AWS EC2 instances for monitoring the log files and store in cloud watch logs. * Amazon Web Services (AWS) and with the configuration of various Amazon products (Amazon EC2, Amazon IAM, Amazon AMI, Amazon S3 , ELB ,Auto Scaling) * Automated build scripts using Maven and Shell Scripts. * Configured Jenkins CI tool for project and setup Nightly Builds. * Automated the code deployment process in each environment (development, QA, Staging, Production). * Configured a continuous integration process and interface with the operations team to ensure project artifacts are deployed automatically to various environments using Jenkins. * Installation, Configuration and Administration of Jenkins over UNIX and LINUX build machines in distributed mode over Apache Tomcat and configured jobs along with various plug-in for Continuous Integration, Release Builds for AGILE and Production Branches. * Accomplished in tool automation using Shell scripting. * Participated in Bug review meeting and release the builds to pre-production and production servers. * Involved in deployment of the application using Tomcat. * Performed Build and Deployment activities without any rework. * Responsible for the deployment on Linux for Dev/ QA, staging, productions environment. * Preparing the build statistics and produce to the management team. * Troubleshoot deployment problems, release issues and environment issues in a multi-component environment. * Installed and Configured Ansible server. Creating Ansible playbook, roles and hosts inventory groups. |

### Project Name 2:

Project Name : Hospital Management System

Role : Devops and Release engineer

Environment : JENKINS, LINUX, WINDOWS, GIT, MAVEN, SHELL SCRIPTING, DOCKER

**Description:**    Hospital Management System is complete software developed by us for Hospital The hospital Management consists of almost all the modules like inpatient/outpatient registratiopatient enquiry, billing, consultation for reception module, separate billing for account module, patient information, view of case details , operation schedules for doctor information, patient information ,case details entering, medicine maintenance for each patients etc for nursing. Apart from this we also have developed modules for pharmacy, canteen, labs, tests, etc. 

Responsibilities:

* Hands-on in writing the Dockerfile for building images Responsible for creating branches, merging and resolving merging conflicts.
* Implementation/setup continuous project build and deployment delivery process using Subversion, Git, Jenkins, Tomcat .
* Administered the automatic build process to ensure correct build execution and resolved the build issues.
* Configuring new jobs in Jenkins as per the requirement from dev team.
* Automated build & deployment and CI process from scratch. Wrote build files and created jobs in Jenkins.
* Configuration of nodes/slaves for Jenkins to optimize and smooth running of build jobs .
* Configuration of Build Automation tools and Continuous Integration concepts by using tools like Maven, Jenkins.
* Was involved in creating Docker Containers, images & taking back-up of images in Docker-Hub.
* Experience in troubleshooting application level issues to perform root causes analysis, also performed training, design and knowledge transfer sessions.
* Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Experience with Continuous Integration / Continuous Deployment Tools as Jenkins and Hudson and strong experience with Maven Build Frameworks.
* Experience implementing, troubleshooting, and supporting the enterprise web applications, and Application Server Tomcat.
* Administration various environments in software development life cycle (SDLC) Windows, Ubuntu, Red Hat Linux and CentOS. Experience supporting Ansible Environment with multi servers and involved in developing manifests.
* Promoting code from one Environment to another Environment.