**Bharathimuppalla**

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**Email:bharathimuppalla@gmail.com Devopsengineer**

**Career Objective:**

* Comprehensive experience in the design and implementation of Continuous Integration, Continuous Deployment, Continuous Delivery and DevOps Operations for Agile projects, working with technologies and platforms including UNIX/Linux, Git, Ant, Maven, Jenkins, AWS, Ansible, Docker, Tomcat, across Service Sector.

**Professional summary:**

* Having 2+years of experience in detailed technical knowledge on Build and Configuration Management and DevOps Developer.
* Having 1+years of experience in detailed technical knowle
* Experience in installation and configuration tools like Git, Jenkins, Ant, Tomcat, Windows & Linux & Ubuntu environments.
* Experience in Administering SVN, Apache Tomcat, GIT Hub, Jenkins.
* Experienced in working on **Agile** operations process and tools area (Build & Release automation, Environment & Service).
* Experience with **CI (Continuous Integration)** and **CD (Continuous Deployment)** methodologies using **Jenkins.**
* Experience in using Version Control Tools **Sub-Version,** **Git**.
* Experience in using build tools like **MAVEN** and **ANT** for the building of deployable artifacts such as war from source code.
* Working experience with cloud infrastructure of **AWS (Amazon Web Services)** and computing AMI virtual machines on **Elastic Compute Cloud (EC2)**
* Experience in setup and configure Configuration Management tools **Chef, Ansible.**
* Troubleshooting and problem solving of **Linux/UNIX**servers, debugging OS failure.
* Experience in working with Tracking Tools **JIRA & Bugzilla.**
* Continuous integration process setup using **Jenkins**.
* In-depth understanding of the principles and best practices of **Software Configuration Management (SCM)** processes, which include compiling, packaging, deploying and Application configurations.
* Experienced in Managing User Accounts and Groups, Managing Files and Directories, Package/Patch Management and Configuration, Managing Services, Volume Management.
* Proficient in troubleshooting critical hardware/software issues and preparing Root cause analysis and other necessary documentation. .
* Promoting code from one environment to another environment.
* Excellent communication, interpersonal and managerial skills.
* Experience in administering Webserver Apache and Application server Tomcat.
* Strong knowledge and experience in AWS services like EC2,
* Good understanding and exposure to Software Development Life Cycle

**Technical Skills**

**Source Code Management tools** : GIT, GITHUB, SVN

**Build To**

**ols** : ANT, MAVEN.

**Continuous Integration Tools** : JENKINS.

**Scripting Languages** : Shell Scripting

**Operating Systems** : LINUX (Red hat, Ubuntu, Centos), WINDOWS.

**Application/Web Server** : APACHE, APACHE TOMCAT.

**Infrastructure Automation Tools** : CHEF, knowledge on ansible

**Virtualization / Cloud Services** : Amazon Web Services (AWS) In EC2, Docker.

**Bug Tracking Tools** : Bugzilla, Jira

**Professional Experience:**

NHS Health Services

Devops Engineer

July 2017- Sept 2018.

Roles & Responsibilities:

* Developed and implemented **Software Release Management** strategies for various applications according to the agile process.
* **Installed, Configured** and **Administered** **Jenkins** as a continuous integration tool.
* Developed build and deployment scripts using **Ant,** **Maven and Docker** as build tools in **Jenkins** to move from one environment to other environments.
* Wrote **MAVEN** **Scripts** to automate the build process.
* Developed automation framework for **Application Deployments** to the cloud environments.
* Managed AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing.
* Created Virtual Private Cloud, Internet gateway, subnet and route tables using Amazon VPC
* Involved in Branching, Tagging of code delivery at required releases.
* Involved in Deployment of the application using Tomcat.
* Automated build process used for Web Based applications using one or more tools/Automation framework like Jenkins.
* Create, manage, and delete users and groups as per the request using Amazon IAM.
* Used Amazon S3 for multipart upload of data and to host static web content in AWS Cloud
* Setting up the new build environment for various products in Linux environment.
* Interacting with developers to sort out issues related to Build Automation.
* Project involved the usage of maintaining repository and version controlling.
* Inputs to planning and estimation for configuration and release management activities.
* Virtualized the servers on AWS using the Docker, create the Docker files and version control.
* Co-work with the globally distributed Development team to fix the build related issues.
* Experience with architecting application on AWS using different resources like EC2, EBS, ElasticCache DynamoDB, CloudWatch, IAM.
* Involved in scheduling the automated build called Nightly Builds.

**Environments:** Java 1.8, Ant, Maven, Jenkins, Docker, AWS, CHEF, Ansible, Linux

Morrissons

Devops Engineer

July 2016-June 2017

Roles & Responsibilities:

* Maintaining a farm of EC2 instances, ELB’s and RDS.
* Deploying EC2 instances, ELBs by using Cloud Formation in AWS Cloud infrastructure.
* Preparing custom AMIs for implementing Auto Scaling.
* Managing Linux and Ubuntu and Windows instances with Chef Configuration management tool and patching servers..
* Implemented Chef Recipes for Deployment on build on internal Data Centre Servers. Also re-used and modified same Chef Recipes to create a Deployment directly into Amazon EC2 instances.
* Implemented Chef Cookbooks for OS component configuration to keep AWS server’s template minimal.
* Written Chef Cookbooks for various DB configurations to modularize and optimize end product configuration.
* Implemented and building tools such as Ant/Maven in order to automate and enhance the overall operational environment.
* Worked on Managing the Cloud Environment using Chef.
* Managed and optimize the Continuous Delivery tools like Jenkins.
* Install, Configure, Administer Jenkins Continuous Integration Tool
* Optimized volumes and EC2 instances.
* Worked on setting up the life cycle policies to back the data from AWS S3 to AWS Glacier   
  Worked with various AWS EC2 and S3 CLI tools.
* Setting up the new build environment for various products in Ubuntu environment.
* Involved in GITHUB administration.
* Creating WAR files by using MAVEN.
* Involved in Deployment of the application using Tomcat.
* Automated build process used for Web Based applications using one or more tools/Automation framework like Jenkins.
* Installed and Configured the Nexus repository manager for sharing the artifacts within the company.
* Achieved Autoscaling by configuring launch configuration for Autoscaling groups by AWS Services.
* Promoting code from one Environment to another Environment.
* Involved in the deploying the applications in QA, UAT and production environments
* Deploying Chef to completely provision and manage EC2 instances, volumes, DNS & S3

**Environments:** Java 1.8, Tomcat 8.0, Jenkins 1.560, My Sql 5.7, PHP 7.1, Maven 3.3.9, Shell Scripting, Java, Chef, Nagios, Nexus, Linux

Boots Pharmacy

Build and Release Engineer

Feb 2014-June 2016

Roles & Responsibilities:

* Deploying Chef to completely provision and manage EC2 instances, volumes, DNS & S3
* Responsible for day-to-day management of all Development, Test, Stage, and Production for various Java based enterprise applications.
* Managed the source codes repository of multiple development applications using GIT version control tools.
* Created branches and managed the source code for various applications in GIT
* Merged release branches to the master after the production release and resolved the conflicts if any during the merge in GIT.
* Created various MAVEN scripts to create multiple deployment profiles and deploy the applications to Apache Tomcat.
* Expert in deploying the code to application servers like Apache Tomcat.
* Installed and configured Jenkins for Automating Deployments and providing an automation solution
* Integrated GIT into Jenkins to automate the code check-out process used Jenkins for automating Builds and Automating Deployments.
* Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
* Setup various Jenkins jobs for build and test automation.
* Experience in working with Ansible.
* Implemented Infrastructure automation through Ansible for auto provisioning, code deployments, software installation and configuration updates.
* Designed and implemented scalable, secure cloud architecture based on Amazon Web Services
* Managed AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing.
* Created Virtual Private Cloud, Internet gateway, subnet and route tables using Amazon VPC
* Configuring and Administrating Subversion version (SVN), on creating user accounts, branching, merging, patch fixes, snapshots.
* Trained users on the Subversion version control system.

**Environment** **:** GIT, Maven, Jenkins, Linux, Ansible, Gitbash, Vagrant, Oracle Virtual Box, Java, Shell Scripting, Tomcat, Linux

**Eon Energy**

**Sept 2012-Jan 2014**

**Test Engineer**

Roles & Responsibilities:

* Analyzing the functional specification of the product and highlighting the requirements to be tested.
* Involved in creating high level and In-detail test cases to check the functionality of an application.
* Performed Functional testing, User Interface testing, Security testing for Payment gateways, Retesting and Regression testing.
* Performing sanity testing for every modification in the application and for each build.
* Performed exploratory testing on new Functionalities, reviewing and holding discussions with design manager in case of ambiguities or inconsistencies in the requirements.
* Performed cross browser testing to ensure compatibility of the application on IE, Firefox, Chrome, Opera and Safari browsers.
* Used SQL queries for Database Testing.
* Involved in estimating testing tasks in each sprint during sprint planning.
* Participating in daily stand up meeting, Test script review and Defect review meeting with in Scrum and QA team.
* Worked closely with the Developers and Product Owner for bug fixes and problem resolution.
* Involved in reviewing Test Deliverables like Test log and Defect log
* Defect Reporting and Tracking using Bugzilla as Bug Tracking Tool**.**
* Execute modified and nightly builds everyday to get immediate feedbacks
* Prepared Test Summary Report when testing activity finished Setting up the test environment and deploying the software with customer builds, executing tests on client environment

**Environment:** Selenium Web Driver, Java, Bugzilla ,Quality Center, Mysql.