**GIRIP**

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**PROFESSIONAL SUMMARY:**

* Over 6+ years of extensive experience as a Build and Release Engineer in **Automation, Building, Packaging, Managing** and **Releasing of Code** from one Phase to other Phase and **Deploying to Servers**.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in **Agile, scrum and Waterfall** methodologies.
* Experience in Linux Administration, Configuration Management, Continuous Integration (CI), Continuous Deployment, Release Management and Cloud Implementations.
* Experience in **Cloud Automation** using **AWS Cloud Formation** templates, Python, Ruby, **Chef** (DevOps), **Puppet** (DevOps), **Jenkins**, **Docker**, **Ansible**, **Vagrant**, and Kitchen.
* Extensive experience using **MAVEN** and **ANT** as build tools for the building of deployable artifacts (jar, war & ear) from source code.
* Experience in maintenance of Source Control Management Systems, such as Sub Version **(SVN), Perforce, TFS, GIT** and Knowledge of Clear Case.
* Managed servers on the **Amazon Web Services (AWS)** platform using **Chef** Configuration management tools.
* Implemented Amazon **EC2** setting up instances, virtual private cloud (**VPCs**), and security groups.
* Set-up databases in AWS using **RDS**, storage using **S3 bucket** and configuring instance backups to S3 bucket.
* Installed **Puppet** Master, agents, created and automated platform environment setup.
* Created AWS instances via Jenkins with EC2 plugin and integrated nodes in Chef via knife command line utility.
* Worked with **IAM** service creating new IAM users & groups, defining roles and policies and Identity providers.
* Created alarms and trigger points in **Cloud Watch** based on thresholds and monitored the server's performance, CPU Utilization, disk usage.
* Experience in writing **Chef recipes** to automate our build/deployment process and do an overall process improvement to any manual processes.
* Installed, configured and administered Continuous Integration tools such as **Docker** and **Puppet** for automated builds.
* Worked on the containerization tool like **Docker** and their components like **Docker engine**, **Docker Hub**, the built Images used for the testing.
* Experience on cloud formation with **AWS** and **terraform** on various environments like aws, azure.
* Designed and developed automated disaster recovery for **Jira, Confluence, Bitbucket, Bamboo** and **Terraform and Stackstorm**, for F500 enterprise customers
* Experience in Installation and configuration of monitoring tools like **Nagios, Splunk.**
* Have good experience in developing and supporting both **production and development**environments.
* Experience in deploying the code through web application servers like **Web Sphere, Web Logic, Apache Tomcat, JBOSS.**
* Worked with web content management platforms like **Drupal and WordPress.**
* Ability to build scripts and automated solutions using various scripting languages such as **Shell**, **Perl**, **PowerShell**, **Python**.
* Extensive experience in developing front-end systems with JavaScript, Bootstrap, HTML5, CSS3 and MVC frameworks such as **Angular JS, Node JS, React JS**.
* Have good understanding of RDBMS databases like **MSSQL**, **MySQL**,**Oracle 9i/10g/11g.**
* Expertise in writing **SQL** Queries, Dynamic-queries, sub-queries and complex joins for generating Complex Stored Procedures, Triggers, User-defined Functions, Views and Cursors.
* Hands-on Experience with **NOSQL** database for storage and retrieval of data that is modeled in means other than the tabular relations.
* Have good knowledge of networking concepts like **DNS, DHCP, TCP/IP LAN, HTTP/HTTPS, WAN, FTP, SFTP.**
* Experience in development and configuration experience, LAMP setup on RHEL with software provisioning tools like Chef, Puppet and Ansible.
* Have good knowledge of**C#, ASP.NET, ASP.NET MVC, ADO.NET, ADO.NET Entity Framework, Web Forms, Web Controls, AJAX, CSS, Web Services, WCF & Window Services, Angular JS**.
* Expertise in working with repository managers like**Artifactory and Nexus**.
* Efficient in working closely with teams to ensure high quality and timely delivery of builds and releases.
* Effectiveteam player and responsible build engineer, quick learner, dedicated and self-motivated. Experience in supporting **7x24 production** computing environments, on-call and weekendsupport.

**EDUCATION:**

* Bachelors in Computer Science, Sri Chandrasekharendra Viswa Maha Vidyalaya, Kanchipuram, India.

**TECHNICAL SKILLS**:

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| **Operating Systems** | Windows, Linux, UNIX |
| **Version Control Tools** | CVS, SVN, GIT, GitHub, Bitbucket, Perforce, TFS, octopus. |
| **Languages/Scripting** | C, C++, Shell scripting, PHP, Python, Java, Node JS, Ruby, Bash. |
| **Databases** | Oracle, MySQL, SQL Server, DB2 |
| **Web Servers** | WebLogic, WebSphere, JBoss, Tomcat, Apache, Nginx. |
| **Cloud Computing** | Amazon Web Services (EC2, S3, EBS,lamda, Cloud  Front, IAM, VPC, ROUTE53, CLOUD WATCH, Security Groups) |
| **Build Tools** | Ant, Maven, MS Build, GRADLE |
| **CI Tools** | Jenkins, udeploy, Bamboo,AnthillPro |
| **Bug Tracking Tools** | JIRA, Remedy, Clear Quest, Bugzilla |
| **Virtualization** | VMware,Aws/Ec2,Docker |
| **Web Technologies:** | HTML, CSS, Java Script, XML, .Net |
| **Monitoring tools** | Nagios, Splunk, Sumo Logic, New Relic |

**PROFESSIONALEXPERIENCE:**

**Client: BBVA COMPASS, Houston, TX JAN 2017 – Present**

**Role: DevOps and Cloud Engineer**

**Description**: BBVA Compass is one of the U.S.’s 50 largest banks with 688 branch locations, and was previously a member of the S&P 500 Index and the Dow Jones Select Dividend Index. Ranked by its US$ 65 billion total assets, BBVA Compass Bancshares is the 38th largest bank in the United States.

**Responsibilities**:

* Migration of local data center to AWS cloud platform which includes the rewrite build and deployment pipeline, create infrastructure provisioning automation code, and re-engineer some parts of the application to make the best use of **AWS Cloud services**.
* Created AWS Launch 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**.
* Deployed the applications to **TomcatApplication Server** and static content to **Apacheweb servers** and maintained traffic distribution though **F5 Load balancer**.
* Configured and maintained automated environment using **Chef Recipes** and **cookbooks** to manage system configuration.
* Developed and maintained **UNIX/Perl/Ant** scripts for build and release tasks.
* Developed Build and Deployment Scripts using **ANT** and **MAVEN** as Build tools in Jenkins to move from one environment to other environments.
* Worked on Jenkins, GitHub, Puppet, Artifactory and all internal build systems for the core development team on an enterprise-level Java-based cloud orchestration/automation tool.
* Experience on the **Docker** swarm and **kubernetes** for containe orchestration.
* Have Experience with continuous integration tools like **Jenkins,Bamboo**. Designed and created multiple deployment strategies using Continuous Integration and Continuous Development.
* Created shell **scripts, Ruby, Python and PowerShell**for setting up baselines, branching.
* Have good experience maintaining and developing an enterprise-level **JEE** website in various technical capacities.
* Installed, Configured, Modified, Tested and Deployed application on **Apache Tomcat, Jboss, WebLogic.**.
* Hands on experience with web content management platforms like **DRUPAL** AND **WORD PRESS**
* Merging, and automation processes across the environments using **SCM** tools like **GIT, OCTOPUS, Stash and TFS on Linux and windows** platforms.
* Web service development and utilization (**SOAP** web services using WCF and Rest Services using **WebAPI**).
* Designing and implemented fully automated server build management, monitoring and deployment by Using **Puppet**.
* Experienced in **React JS** and working with React Flux architecture.
* Experience with managing, deploying, installing **SSL** certificates and an SSL certificate portfolio from any Certificate Authority.
* Hands on experience on various bug Tracking tools like **Bugzilla** and **JIRA** and integrated with Junit and other software testing procedures.
* Performed migration of **Jira, Confluence, Bitbucket** and **Bamboo** between different data centers, for F500 enterprise customers
* Have a good knowledge about full stack application **(NodeJS, Java/Tomcat, Activiti BPM, Apache Nifi, NoSQL DB)**
* Continuous Monitoring by using Nagios, Splunk, DynaTrace and bug(issue) tracking using Jira, Bugzilla, BMC Remedy and integrating with Jenkins, git, chef and used Code quality analysis using **Sonarqube**, Software Component management using **Nexus**.
* Releasing code to testing regions or staging areas according to the schedule published.
* Developed effective documentation, tooling, and alerts to both identify and address reliability risks.
* Able to identify and propose system and application fixes for performance bottlenecks.

**Environment:**Clear Case, ANT, XML, UNIX, Build Forge, Jenkins, bash, Puppet, AWS, MySQL,NoSQL,Docker,Kubernetes, Confluence, React JS, NodeJs,Puppet, Sonarqube, TFS, Fortify, Rally, Nagios, Cucumber, Web services, Junit, Bash, python and ruby scripting, J2EEE, windows, Linux.

**Client: HMSA,**[**HONOLULU**](https://en.wikipedia.org/wiki/Honolulu)**,HI. Jun 2015-Dec2016**

**Role: Build and Release Engineer**

**Description:Hawaii Medical Service Association (HMSA)**is a nonprofit health insurer in the state of [Hawaii](https://en.wikipedia.org/wiki/Hawaii). HMSA is a member of the [Blue Cross Blue Shield Association](https://en.wikipedia.org/wiki/Blue_Cross_Blue_Shield_Association), an association of independent [medical insurance](https://en.wikipedia.org/wiki/Medical_insurance) providers.

**Responsibility:**

* Responsible for building out and improving the reliability and performance of cloud applications and cloud infrastructure deployed on Amazon Web Services.
* Maintained and Administered **GIT** Source Code Tool.
* Created Branches, Labels and performed Merges in **Stash and GIT.**
* Developed Build and Deployment Scripts using **ANT and MAVEN** as Build tools in Jenkins to move from one environment to other environments.
* Maintaining branching also with team foundation server (TFS) on Linux and the windows using TFS version, Git for the .net projects.
* Modified **ANT** scripts to build the JAR's, Class files, **WAR and EAR** files.
* Installed and Configured Jenkins for Automating Deployments and providing automation solution.
* Used **Terraform** to create, change and improve production infrastructure and also maintained versioning infrastructure safely and efficiently by custom in-house solutions.
* Hands-on experience with **Artifactory** repository manager.
* Experience with security certificates, **SSH, HTTPS** and firewall setup to integrate GitLab with Services like Jenkins or other external tools trough Webhooks or Triggers.
* Tracking code migration and testing efforts in all environments (i.e., Integration, Sys. Test, UAT, Performance/ Tech. Test, Training & Staging environments and final migration into Production Environment.
* Designed**REST APIs** that allow sophisticated, effectiveand low-cost application integration.
* Utilized **Node.js** for the server hosting
* Able to create scripts for system administration, **AWS** using languages such as BASH and Python.
* Implement, support and maintain all network, firewall, storage, load balancers, operating systems, and software in Amazon's Elastic Compute Cloud.
* Experience in installing configuring and deploying of **Java/J2EE/.Net** applications in Application Servers like **WebSphere, WebLogic and JBoss.**
* Automation using **Puppet** and involved in developing Manifest and Modules for System and Application Configuration Management.
* Implemented SonarQube 4.x and 5.x dashboards for various Java projects health.
* Integrated GIT into **Jenkins** to automate the code check-out process.
* Installed **Nagios** and defined various services that are needed to be monitored.
* Written **Chef Recipes** to automate our build/deployment process and do an overall process improvement to any manual processes.
* Worked on creation of **puppet** manifest files to install tomcat instances and to manage configuration files for multiple applications.
* Written Shell scripts to apply the Integration label to all the files which needs manual labeling of files.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with **Java, Python, Ruby and Docker** on familiar server such as Apache.

**Environment:** AWS, S3, EBS, IAM, EC2, Elastic Load Balancer,Sonarqube,Node JS,AWS Auto Scaling,Apache, Tomcat, Nagios, MySQL, PHP, TFS, Jenkins, TIBCO, Maven, Docker, Terraform, JBOSS, Puppet, JSON, Web Logic Application, Microservices,Chef, GIT, Linux.

**Client: Group Benefits, Pune, India. Jun 2013 - May 2015**

**Role: Release Engineer**

**Description:**The Hartford Life Insurance Company is part of The Hartford Financial Services Group, which was established in 1810. The company has international operations in Japan, Brazil, Canada and Ireland. It is a leading provider of life insurance products, in addition to investment products, annuities, mutual funds and college savings plans.

**Responsibilities:**

* Participated in the release cycle of the product which involves environments like **Development, QA, UAT and Production.**
* Perform biweekly build cycle and testing processes on Solaris.
* Implemented cloud services AWS.
* Branching and Merging.
* Deployed Puppet, Puppet Dashboard, and Puppet DB for configuration management to existing infrastructure.
* Experience migrating jobs from Cruise Control to Puppet.
* Developed **ETL** processes for **Data Extraction, Data Mapping** and Data Conversion using **PL/SQL** scripts and load data into warehouse Schemas.
* Worked on Deploying the dynamic content into web application servers like **Apache Tomcat.**
* Involved in writing Shell scripts for compilation and deployment process.
* Moving the Views to different location & fixing the views.
* Provided periodic feedback of status and scheduling issues to management.
* Used the continuous integration tool **Anthill Pro** to automate the daily processes.
* Created diff files and check sum files for production support.
* Troubleshoot tickets on the helpdesk tracking system.
* Good command in writing **ANT** scripts for making all the files local to the server.

**Environment:** Subversion, Apache Tomcat, Anthill Pro, AWS, XML, Puppet, PL/SQL,SQL,ANT, Shell Scripts, UNIX, Windows XP.

**Client: Natcopharma, Chennai, India Feb 2011 -May 2013**

**Role: Jr. Linux Administrator**

**Description:**NatcoPharma is a top rated pharmaceutical company in India. It discovers, develops, produces, and markets therapies in the United States. Worked on deploying web applications and maintained application servers and checked system health.

**Responsibilities:**

* Administered, maintained **Red Hat 3.0, 4.0, 5.0, 6.0** AS, ES, Troubleshooting Hardware, Operating System Application & Network problems and performance issues; Deployed latest patches for, Linux and Application servers, Performed Red Hat Linux Kernel Tuning.
* Administered Linux servers for several functions including managing **Apache/Tomcat** server, mail server, and **MySQL**databases in both development and production.
* Experience in implementing and configuring network services such as **HTTP, DHCP, and TFTP.**
* Install and configure **DHCP, DNS (BIND, MS), web (Apache, IIS), mail (SMTP, IMAP, POP3**) and file server on Linux servers.
* Experienced working with Preload Assist and PICS projects.
* Installing and setting up **Oracle9i** on Linux for the development team.
* Migrated database applications from Windows 2000 Server to Linux server.
* Linux kernel, memory upgrades and swaps area. Red hat Linux Kickstart Installation.
* Capacity Planning, Infrastructure design and ordering systems.
* Created users, manage user permissions, maintain user
* Diagnosed hardware and software problems and provided solution to them.
* Updated data in inventory management package for Software and Hardware products.
* Worked with DBAs on installation of **RDBMS** database, restoration and log generation.
* Bash shell-scripts to automate routine activities.
* Monitored trouble ticket queue to attend user and system calls.

**Environment:**Red Hat Linux 3.0,4.0,5.0 AS ES, Ubuntu, Oracle 9i/10g, Samba, VMware Tomcat 3.x, 4.x, 5.x, Apache Server 1.x, 2.x, Bash, Cassandra, MemCacheD, Redis.