**P. DHOLE**

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**Professional Summary :**

* **8 years**of experience as **DevOps Engineer**in automating, building, deploying, and releasing of code from one environment to other environment.
* Talented at **Software Development Life Cycles (SDLC)** and **Agile Programming techniques.**
* Capacity to achieve all parts of the product design administration **(SCM)** procedure, **DevOps** and **Build/Release administration** and**Openstack**.
* Extensive experience in **Linux/Unix** system Administration, System Builds, Server Builds, Installations, Upgrades, Tuning, Migration, Trouble shooting on **RHEL 4.x/5.x.**
* Ability to manage **SCM** processes which include compiling, packaging, deploying and application configurations.
* Experience in working on source control tools like **GitHub (GIT),Subversion (SVN),CVS**, **IBM Clear case,Perforce**.
* Strong experience creating **ANT/ MAVEN** with **Puppet build script** for deploymentartifacts.
* Good experience in converting **build.xml** into **pom.xml** in order to build the applications using **MAVEN.**
* Working on **Docker** on Linux installs as well as cloud providers. Creating **Docker** Image On one hand I can spawn a container and build it interactively**.**
* Worked on creation of custom**Docker** container images, tagging and pushing the images.
* Took Part in **DevOps pilot program** and was trained in **DevOps methodologies**, tools like **Puppet, Ansible**. **GIT** repositories for projects **JavaScript** testing frameworks.
* Designed, Installed and Implemented **Ansible** configuration management system.
* Communication with team members for both **Ansible** Core and **Ansible** Tower teams to clarify requirements and overcome obstacles.
* Experience in Configuring and Managing monitoring tools like **Nagios**, **BPPM**
* Worked with multiple DevOps methodologies and **tools Continuous Integration (CI)** / **Continuous Delivery tools( Jenkins**) Infrastructure.
* Wrote the **ansible playbooks** which is the entry point for Ansible provisioning, where the automation is defined through tasks using YAML format. Run Ansible Scripts to provision Dev servers.
* Partially administered **Git** and subversion which are the version control systems used in enterprise.
* Administered and Implemented CI tools **Hudson** and **Jenkins** for automated builds.
* Strong experience utilizing **Build Forge** and **Jenkins** for enterprise scale infrastructure configuration and application deployments
* Experience in AWS **Cloud platform** and its features which includes EC2, VPC, EBS, AMI, EBS, Cloud Watch, VPN Servers.
* Experienced in **Elastic Search, Logstash and kibana.**
* Experience on working with monitoring tools like**Splunk, Kibana and Wily-introscope**
* Experienced installing and configuring Web Servers including **IBM HTTP** Server, Tomcat and Apache Web Server.
* Strong knowledge **of DNS, DHCP and IP Addressing**.
* Experience in configuration of  **DNS, DHCP, NFS, SAMBA, SQUID, postfix,** send mail, FTP, remote access, security management and Security trouble shooting skills.
* Experienced in implementing and maintaining an **Apache Tomcat /MySQL/PHP, LDAP, LAMP web service environment.**
* Managing AWS Infra and automation with CLI, API. Managing DATA Center Inbound and outbound services. Working on automation toll like **Ansible, chef** and **Puppet**.
* Expertise in provisioning tools such as **Vagrant** and integrate it with **AWS, Rackspace**,(**IaaS**) and Other hypervisors.
* Experience in Creation and managing user accounts, security, rights, disk space and process monitoring in **Solaris** and Red Hat Linux.
* Migrated software engineering from**TFVC** to Git revision control system
* Good understanding of OSI Model, **TCP/IP protocol suite (IP, ARP, TCP, UDP, SMTP, FTP, and TFTP**)
* Experience in implementing and making teams adapt to **Release/Change Management Process**
* Experience in Installing **Firmware Upgrades, kernel patches, systems configuration**, performance tuning on Unix/Linux systems.
* Good knowledge on **ITIL** Process and have worked on coordinating releases across the projects.
* Independent problem solving and a good team player with strong interpersonal and communication skills.
* Experience supporting 24x7 production computing environments. Experience providing on-call and weekend support.

**Technical Skills:**

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| **Operating Systems** | **RHEL 3/4/5,6, Sun Solaris Release 2.10/2.9/2.8/2.7, IBM-AIX 5.X, zVM Windows 2003, 2008, 2012 and NT , LINUX, UNIX** |
| **Web/ Application Server** | **Tomcat, Apache DB2, Oracle, Web logic, Web Sphere , JBoss, IIS** |
| **Containerization and Search Engine** | **Docker, Elastic Search , Kibana ( Visualisation), Logstash (Logs )** |
| **Continuous Integration and Configuration Tools** | **Puppet, Chef and Nagios, DevOps, Docker,ANT, Maven,GitHub, Jenkins, Rundeck , ELK , JIRA, Bamboo** |
| **Databases** | **My SQL, MS Access, Oracle 9i/10g/11g ,DB2** |
| **Monitoring and Testing** | **Nagios, Selenium IDE, BPPM(BMC), Splunk** |
| **Languages** | **Python, Ruby , asp.net, PL/SQL, Java/J2EE** |
| **Scripting Languages:** | **Shell scripting, Perl scripting.** |
| **Version Control Tools:** | **CVS, SVN, Harvest, Perforce.** |

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| **January 2014 - November 2016** |

**Blue Cross Blue Shield, Jacksonville, FL**

**DevOps/Build and Release Engineer**

**Responsibilities:**

* Involved in Establishing and improving entire Build and Release Process across all Environments.
* Provide best practices and policies of **SCM** and implement accordingly to fill the gaps in current release process.
* Supporting infrastructure environment comprising of **RHEL** and **Solaris.**
* Creating the automated build and deployment process for application, re-engineering setup for better user experience, and leading up to building a **continuous integration** system.
* Maintained and administered **GIT** source code tool.
* Builds and deploys **J2EE** application in**JBoss** using **Shell scripts**.
* Wrote **Ant** build scripts for creating jar, war and ear artifacts, which were then deployed to **Tomcat** and**JBoss**.
* Integrated **GIT** into Jenkins to automate the code check-out process .
* Design and Implementation cloud automation solutions by integrating **HP** Server
* Implementing a **Continuous Delivery** framework using **Jenkins, Maven** in Linux environment.
* Involved in deploying the content Cloud platform on Amazon **AWS** using **EC2**, **S3**, and **EBS**. Evaluate **Chef** and **Puppetframework** and tools to automate the Cloud deployment and operations.
* Deployed centralized logging via rsyslog and **Logstash** with **Kibana** as the web frontend.
* Responsibilities include designing and developing new back-end services, maintaining and expanding our **AWS** infrastructure, and providing mentorship to others on my team.
* Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases and using Version Control Tools likes Rational Clear Case, **Rational Team Concert** (RTC).
* Working on customers builds scalable, resilient, and high-performance applications and services on **AWS**.

● Worked directly with the**Azure** Product team in tracking and resolving defects in the beta**AZURE** IaaS offering.

● Create a Virtual Network on Windows**Azure** to connect all the servers.

* Experience in **AWS cloud environment’s** and also familiar with **EC2(IaaS), Cloud watch and Elastic IP’s** and managing security groups on **AWS.**
* Extensively worked with Version Control Systems SVN (Subversion), GIT, and IBM **Rational Team Concert**.
* Used Docker-compose file while deploying **Docker** container.
* Maintained and administered **GIT** source code tool.
* Integrated **GIT** into Jenkins to automate the code check-out process.
* Created **puppet manifests** and **modules** to automate system operations.
* Perform **Deployment** of Release to various **QA & UAT in Linux environments**.
* Deployed **puppet, puppet dashboard and puppetDB** for configuration management to existing infrastructure.
* Configured **Elastic Load Balancers** with EC2 Auto scaling groups.
* Build Data Sync job on Windows**Azure** to synchronize schools data from SQL 2012 databases to SQL Azure.
* Implemented **AWS** solutions using E2C, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups.
* Wrote Ruby Scripts,**PythonScripts**, Perl Scripts, Shell Scripts to deploy the java based packages like ear and war on the WebLogic App server. Optimized volumes and EC2 instances.
* Working experience on **Pupp**et in Production environment over 60 servers. Working on version control system **GITHub** and **SVN.**
* Performance tuning **of Virtual Memory, CPU, system usage** in **Linux and Solaris** servers.
* Developed and customize monitoring scripts to meet customer needs using Ruby, Perl,**Python**, and shell-scripting.
* Installation, configuration and administration of  **Apache, Weblogic, Tomcat and Websphere.**
* Knowledge in **IIS** and hands on experience with **WebSphere, JBoss** and **WebLogic** deployments.
* Managing Monitoring solution using **Nagios** Environment.
* Responsible for **CI** and **CD** using **Jenkins**, Run deck and **Chef**.
* Written and developed **Chef** Cookbooks from scratch for custom installation of application.
* Updating monitoring parameter in **Nagios** with active and passive check**.**
* 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.
* Test environment build out of system user management via **Ansible**.
* Create and manage Cinder volumes in**OpenStack**Cloud.
* Monitoring running stacks including events & resources on**OpenStack**Cloud.
* Source code. Application Deployments & Environment configuration using **Chef**, **Puppet**.
* Having good Experience in **Chef** and **Puppet** for Deployment on Multiple platforms.
* Developed **Perl and shell scripts** for automation of the build and release process.
* Installed/Configured/Managed **Jenkins CI Automation.**
* Build **Java code** and **.NET** code on to different **Jenkins** servers as per the schedule.
* Used **Jenkins, Build forge** for Continuous Integration and deployment into **Tomcat** Application Server.
* Deployment and implementation **of Chef for infrastructure** as code initiative.
* Created playbooks for**OpenStack** deployments and bug fixes with Ansible.
* Maintained and troubleshoot **WebLogic** Servers and web servers on multiple platforms.
* Implemented **Maven** builds to automate **JAR** and **WAR**.
* Experience in Developing Applications in**Python**& Shell Scripts.
* Experience in building binaries using **Maven** amd**Xcode**.
* Built and Deployed **Java/J2EE** to a web application server in an **Agile** continuous integration environment and automated the whole process.
* Debug and resolve Pre-Post**OpenStack** deployment failures.
* Focused on automation and continuous integration. Automated local development environment using **chef**
* Developed procedures to unify, streamline and automate application development and deployment procedures with Linux Container technology using **Docker**.
* Responsible for design and maintenance of the **Subversion/CVS** Repositories, views, and the access control strategies and Managed **SVN** repositories for branching, merging, and tagging.
* Responsible for designing and deploying best **SCM** processes and procedure.
* Worked on Continuous integration tools like **Jenkins** to build and test the applications and working on issue tracking tool like iTrack, **JIRA**, **Confluence.**
* Managed **Chef** Cookbooks to automate system operations.
* Analyze and resolve conflicts related to merging of source code for **GIT**.
* Building & configuring **Red Hat Linux systems** over the network, resolving tickets according to the priority basis.
* Used **Jira** as ticket tracking and work flow tool.

**Environment:** Subversion, ANT, Maven, LINUX, XML, Weblogic, Oracle, Perl Scripts, Shell scripts, Nexus, Red Hat Linux 5.X, HP & Dell Servers, Oracle/DB2, VMWare ESX 4.x, Autosys, VMware VSphere, ESX, BMC BladeLogic, Subversion (SVN), Jenkins, Java/J2EE, ANT, MAVEN, CHEF, TC Server, Tomcat, Perl Scripts, Shell Scripts, XML, UNIX, Windows 7, Oracle, JIRA.

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| **January 2012 – December 2013** |

**AT&T, Dallas, Texas**

**DevOps/Build and Release Engineer**

**Responsibilities:**

* Primary duties include in the release cycle of the product, which involves environments like **Development**, **QA**, **UAT** and **Production**.
* Developed **Shell/Python/Perl/Ruby** Scripts for automation purpose.
* Working with Subversion for the purpose of Software Configuration management and maintaining the versions.
* Creating **Branching** and **Merging** as per the schedule.
* Worked with Puppet and **Chef** which is used to manage Linux but later versions support Microsoft Windows.
* Installing and configuring **Jenkins**, **Installingplug**-**in**, configuring **security**, creating a **master** and slaves for implementation of multiple **parallelbuilds**.
* Managed configuration of Web App and Deploy to AWS cloud server through **Chef**.
* Developed **Bash** and **python** Scripts for the manual deploying the code to the different environments and updating the team after the completion of the build successfully.
* Designed & developed custom workflows to automate Database Patching & Rollback using **Python** as part of Post Provisioning.
* **Jenkins** automation for **iOS**/**Android**//APIScripting tools like **Perl**/**Shell** to **automate** build and deployment Process.
* Provided SCM support on improving SW defect tracking system and code inspection tool for Android SW.
* Managed and performed the environment related configuration changes as a part of deployment.
* Worked as a partial system **administrator** for **Linux** and **Windows** machines.
* Installation and configuration of **Nginx** as a Load Balancer.
* Created the **AWSVPC** network for the installed instances and configured the **SecurityGroups** and **ElasticIP's** accordingly.
* Delivered Android product on time by quickly adapted to GIT system from Clearcase, working with product team to setup GIT repository and build branch, customizing release scripts.
* Installing the **LoadBalancers** and **VPC** with Public and private subnets.
* Coordinated Release effort amongst various teams (**Integration**, **QA**, **Testing**, and **BusinessAnalysis**) in geographically separated environment.
* Configured the application on **AWSEC2AMI** Instances and also installed the storage on **S3Buckets**.
* Attended the **Minor**/**Major** Event change control meetings to get necessary approvals for the deployment request.
* **Coordinated** with **developers**, **BusinessAnalyst** and **Managers** to make sure that code is **deployed** in the **Production** environment.
* Integrate and implement a complete cloud services framework (**IaaS**,**PaaS**, and**Saas**) and cloud deployment model (private, public, and hybrid)
* conflict modules information to the projects, creating Installation Instructions during Release.
* Documented the deployment process (Migration Doc) of code to production.
* Working with **JIRA** tool to track all the defects and changes released to all environments.

**Environment**: Amazon AWS Services**,** RTC, GIT, CVS, Ant, Maven, Urban Code, WebSphere, Artifactory, Jenkins, Ruby Scripting, Puppet, Python Scripting, AWS, TFS, RAD, Shell, Quality Center, Nagios, UNIX, Linux, Windows, Java/J2EE.

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| **January 2011- November 2011** |

**PharMerica , Tampa,FL**

**Build and Release Engineer**

**Responsibilities:**

* Participated in the release cycle of the product which involve environments like Development **QA UAT and Production.**
* Perform **biweekly build** cycle and testing processes on **Solaris**.
* Used **Ant** Scripts to automate the build process.
* Implemented cloud services **AWS**.
* Setting up **Ant** and **Maven** scripts for **JAVA** and **J2EE** Builds
* Developed **UNIX** and **Perl Scripts** for the purpose of manual deployment of the code to the different environments and E-mail the team when the build is completed.
* Deployed application modules to **WAS based clusters** via **ND admin console**.
* Created deployment request tickets in **Bugzilla** for the deploying the code to Production.
* Attended the Minor/Major Event change control meetings to get necessary approvals for the deployment request.
* Evaluated system performance and validated **NoSQL** solutions.
* Used **Perl/Shell** to automate build and deployment Process.
* Sert up continuous integration environment for applications running on drupal framework using **jenkins**
* Coordinated with developers, Business Analyst and Mangers to make sure that code is deployed in the Production environment.
* Executed the **DB Scripts (DML and DDL)** which have dependencies on the code on **Oracle DB.** Documented the

**deployment process (Migration Doc**) of code to production on an Excel Sheet.

* Configuration and troubleshooting - **LAN and TCP/**IP issues

**Environment:** ANT, WebSphere, Perl/Shell Scripts, Oracle, UNIX, Solaris, Bugzilla, Jenkins, Maven, AWS, NoSQL.

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| **November 2008 – December 2010** |

**Saint Gobain, Dallas, Texas**

**System Admin(Linux)**

**Responsibilities :**

* Installed, upgraded and configured **Red Hat Enterprise Linux 4/5/6.**
* Configuration and administration of **DNS, LDAP, NFS, NIS and NIS+ on Red Hat Linux**.
* Hands on experience working with production servers at multiple data centers.
* Automated server building using **Kickstarting RHEL 6** and **Jumpstarting Sun Solaris 10.**
* Troubleshooting production servers and configuring standalone production server for testing.
* Configured **yum repository** server for installing packages from a centralized server.
* Created local repository to connect **Linux server to RHEL** site for downloading packages and patches.
* Created local repository in **yum.repos.d** to run packages using yum, rpm and up2date.
* Configured and managed **SELinux (Linux Firewalls)** and allowed appropriate ports with help of iptables.
* Installed and configured **DCHP server** in Linux to give IP leases to production servers.
* Management of **Red Hat Linux** user accounts, groups, directories and file permissions.
* Configured, managed **ESX VM's** with **virtual centre and VI client**.
* Performed Kernel tuning with the sysctl and installed packages with yum and rpm.
* Performed Disk management with the help of **LVM (Logical Volume Manager).**
* Configuration and Administration of **Apache Web Server and SSL**.
* Backup management using **CRONTAB**, running the backup based on client requirements.
* Password-less setup and agent-forwarding done for **SSH** login using ssh-keygen tool.
* Established and maintained network users, user environment, directories, and security.
* Documented testing procedures and steps involved in data migration on production servers.
* Provided 24/7 on call support on **Linux** Production Servers. Responsible for maintaining security on Red Hat Linux.

**Environment:** RHEL 4/5, CentOS 4/5, Fedora 9/10/11(beta), Ubuntu 8.10/9.04 Server, Debian SID, Vmware ESX, Veritas File System, Veritas Volume Manager, Veritas Cluster Server, HP Proliant DL 360, Dell Power Edge 2400, 2450.

**EDUCATION:**

BS in Computer Science , Lamar University, USA. (2009)

**REFERENCES AVAILABLE UPON REQUEST**