**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.**
* Extensively worked with Change tracking tools like **ITSM, BMC Remedy, JIRA, HP Service Center**
* 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**.**
* Took Part in **DevOps pilot program** and was trained in **DevOps methodologies**, tools like **Puppet, Ansible**. **GIT** repositories for projects **JavaScript** testing frameworks
* 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.
* 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.**
* 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 - September 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.
* 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.
* Working on customers builds scalable, resilient, and high-performance applications and services on **AWS**.
* Experience in **AWS cloud environment’s** and also familiar with **EC2(IaaS), Cloud watch and Elastic IP’s** and managing security groups on **AWS.**
* 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.
* 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.
* 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.
* Worked exclusively on **VMware virtual environment**.
* Maintained and troubleshoot **WebLogic** Servers and web servers on multiple platforms.
* Implemented **Maven** builds to automate **JAR** and **WAR**.
* Used Openstack to deploy **Iaas**.
* 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.
* 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**.
* Provide support to **Account Managers, UNIX and Windows technicians**, and other departments.
* 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.
* Maintained and coordinated environment configuration, controls, code integrity, and code conflict resolution.
* Responsible for designing and deploying best **SCM** processes and procedure.
* Develop and implement automation workflows and scripting using the HP Operations Orchestration and HP Server Automation tools.
* Worked on Continuous integration tools like **Jenkins** to build and test the applications and working on issue tracking tool like iTrack, **JIRA**, **Confluence**
* Maintaining and Troubleshooting of **FTP Server**, **Samba Server** of the client Managing **Red Hat Cluster**, **HPC environment** etc.
* 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.
* Ability to troubleshoot and debug **HPOO** workflows
* Evaluate performance and health of the **HP OO** environment

**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.
* Installed**Chef** to reduce management complexity by defining cookbooks and recipes for installation, file management and application deployment on various nodes Maintained and monitored all of company\'s servers' operating system and application patch level, disk space and memory usage, user activities on day-to-day basis.
* Scripting tools like **Perl**/**Shell** to **automate** build and deployment Process.
* Installing **Urban Code Deploy server**, agents and doing deployments in various environments.
* Installed/Configured **Fusion Middleware** SOA/BAM in High Availability Platform.
* 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.
* Installed Oracle Critical Patches and Patch Set Updates for **Fusion Middleware** Domain.
* Created the **AWSVPC** network for the installed instances and configured the **SecurityGroups** and **ElasticIP's** accordingly.
* 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**