**ASHOK**

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**Professional Summary:**

**7+** of experience in IT industry comprising of Three years of Linux Systems Administration andalmost Five yearsof Software Configuration Management (SCM).Extensive experience includes SCM, **DevOpsBuild/Release** Management, Change/Incident Management and **Cloud**Management.

* Experience in **Linux Administration** (Installation**, Configuration, Tuning and Upgrades of Linux** (Red Hat and Oracle).
* Experience with **Linux/UNIX environments and scripting** for Build & Release automation.
* Experienced in working on **DevOps/Agile** operations process and tools area (Code review, unit test automation, Build & Release automation, Environment, Service, Incident and Change Management).
* AWS **Cloud platform** and its features which includes EC2, VPC, SNS, RDS, EBS, CloudWatch, Cloud Trail, CloudFormation AWS Config, Autoscalling, CloudFront, S3.
* Extensively worked with automation tools like **Hudson, Jenkins and Build Forge** to implement the End-to-End Automation.
* Extensively worked with Version Control Systems CVS, **SVN (Subversion**), **GIT, Perforce**, and **IBM Rational Team Concert**.
* Expertise in using build tools like **MAVEN and ANT** for the building of deployable artifacts such as war & ear from source code.
* Application Deployments & Environment configuration using **Chef, Puppet, Openstack.**
* Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.
* Good knowledge on ITIL Process and have worked on coordinating releases across the projects.
* Experience in integrating Unit Tests and Code Quality Analysis Tools like JUnit, Cobertura, Clover, PMD, find bugs and checkstyle.
* Experience in using Nexus and Artifactory Repository Managers for Maven builds.
* Experience writing Shell and Perl scripts to automate the deployments.
* Experience using RPMs to effectively package the applications for product deployments.
* Experience is using **Tomcat, JBOSS, Weblogic and WebSphere** Application servers for deployments.
* In-depth understanding of the principles and best practices of Software Configuration Management (SCM) processes, which include compiling, packaging, deploying and Application configurations.
* Configured and Administered Nexus Repository Manager and JfrogArtifactory.
* Managed environments DEV, SIT, QA, UAT and PROD for various releases and designed instance strategies.
* Ability to work closely with teams, in order to ensure high quality and timely delivery of builds and releases.
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.

**Technical Skills:**

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| **Operating Systems** | **Linux (Red Hat 4.x,5.x, 6.x), UNIX**, **WINDOWS NT/2000/2003/XP/VISTA/7, AIX.** |
| **Version Control Tools** | **CVS, SVN, IBM Rational Clear Case, Perforce, RTC,GIT,SourceTree** |
| **Languages** | **C, JAVA, XML, SHELL, PERL, RUBY** |
| **Databases** | **My SQL, MS Access, Oracle 9i/10g/11g, DB2** |
| **Application Servers** | **TOMCAT, WEBLOGIC, WEBSPHERE** |
| **Tools** | **ANT,MAVEN, HUDSON/JENKINS, CHEF, PUPPET, OPENSTACK BUILD FORGE, NAGIOS, DOCKER.** |
| **Cloud** | **AWS EC2, VPC, EBS, SNS, RDS, EBS, CloudWatch, CloudFormationAWS Config, S3, autoscaling, Cloud Trail,VMWare,Virtualization experience (VM Management), Docker.** |

**Professional Experience:**

**Hover Networks, Buffalo, NY. July 2014 to Present**

**DevOps& Cloud Engineer**

**Description:**

At Hover Networks we offer our own hosted business voice and data platform positioned to provide the flexibility you need to adapt to a changing marketplace, while reducing some of costs associated with a traditional phone system. With our hosted PBX we put Total Control™ in your hands!

**Responsibilities:**

* Creating the automated build and deployment process forapplication, re-engineering setup for better user experience, and leading up to building a continuous integration system for all our products.
* Implementing new projects builds framework using **Jenkins & maven** as build framework tools.
* Implementing a **Continuous Delivery** framework using **Jenkins, Chef, Maven and Nexus** in **Linux environment.**
* Manage deployment automation using recipes, cookbooks in Chef using Ruby.
* AWS Cloud management and ChefAutomation.
* Responsible for Design of different **Release Environments**for new projects.
* Responsible for **Database build, release and configuration.**
* Responsible for **nightly and weekly builds** for different modules.
* Created recipes in cookbooks to automate system operations.
* Created monitors, alarms and notifications for EC2 hosts using CloudWatch.
* Created multi AZ EC2 instances.
* Integration of Maven/Nexus, Jenkins, Urban Code Deploy with Patterns/Release, Git, Confluence, Jira and Cloud Foundry.
* Used IAM to create new accounts, roles and groups.
* Defining Release Process & Policy for projects early in SDLC.
* Member of **CCM** representing changes for Release and **environment configuration.**
* Perform **Deployment** of Release to various **QA & UAT in Linux environments**.
* Configured Elastic Load Balancers with EC2 Auto scaling groups.
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups,
* Optimized volumes and EC2 instances.
* Configured S3 versioning and lifecycle policies to and backup files and archive files in Glacier.
* Migrated applications to the AWS cloud.
* Scripting in multiple languages on UNIX, LINUX and Windows **– Batch, Shell, python** script etc.
* Work with different team members for **automation** of Release components.
* Resolved system issues and inconsistencies in coordination with quality assurance and engineering teams.
* Worked with **Docker**and created multiple containers and images. Configured these containers to communicate with each other.

**Technical Tools:** GIT, JENKINS, CHEF, MAVEN, AWS, EC2, WEBSPHERE, ANT, PUTTY, CONFLUENCE, **Java, J2ee**, **SOA.**

**Fast Pay, Beverly Hills, CA Jan 2013 to June 2014**

**Build & Release Engineer/DevOps Engineer**

FastPay may be a financial technology firm at its core, but if you came to our offices you would never guess. Based in Los Angeles, with an office in New York City, we are a collection of finance, entertainment, legal, media, technology, and design professionals who are finding new ways to lend money to the most exciting companies in digital media. We like to think we look more like our clients than a traditional finance firm and that’s a good thing.

**Responsibilities:**

* Release Engineer for a team that involved different development teams and multiple simultaneous software releases.
* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Developed build and deployment scripts using **ANT and MAVEN** as build tools in **Jenkins** to move from one environment to other environments.
* Developed Perl and shell scripts for automation of the build and release process.
* Imported and managed multiple corporate applications into **Subversion (SVN).**
* Involved in all projects that move to production and work closely with the Data Center, Development, Quality Assurance and Management teams to ensure cross communication and confirmed approval of all production changes.
* Built and Deployed Java/J2EE to a web application server in an Agile continuous integration environment and also automated the whole process.
* Created and maintained the Shell/Perl deployment scripts for **TC Server/Tomcat** web application servers.
* Created the Release process of the artifacts.
* Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases.
* Perform periodic system audits on all environments to ensure that only controlled versions of software reside all environments.
* Responsible for the development and maintenance of processes and associated scripts/tools for automated build, testing and deployment of the products to various developments.
* Managed Maven project dependencies by creating parent-child relationships between projects.
* Installed/Configured/Managed **Jenkins CI Automation.**
* Installed/Configured and Managed **Nexus** Repository Manager and all the Repositories.
* Involved in editing the existing **ANT/MAVEN** files in case of errors or changes in the project requirements.
* Responsible for the Plugin Management, User Management, Build/Deploy Pipeline Setup and End-End Job Setup of all the projects.
* **Jenkins** is used as a continuous integration tool for automation of daily process.
* **JIRA** is used as ticket tracking, change management and Agile/SCRUM tool.

**Environment: Subversion (SVN), Jenkins, Java/J2EE, ANT, MAVEN, CHEF, TC Server, Tomcat, Perl Scripts, Shell Scripts, XML, UNIX, Windows 7, Oracle, JIRA.**

**MobileHelp,Boca Raton, FL Jan 2011 to Dec 2012**

**Build & Release Engineer/Linux System Administrator.**

MobileHelp is a leading provider of M-PERS (Mobile-Personal Emergency Response Systems) and personal health management technology. The company develops and distributes market-leading products such as Cellular DUO, a fully integrated medical alert system with GSM/GPS technology, which provides an in-home cellular base station and a mobile device to protect customers away from home. MobileHelp’s M-PERS devices are integrated with nationwide wireless voice, data and GPS technology to provide real-time medical alert monitoring services and location tracking for expedited personal emergency assistance. In addition to emergency response services, MobileHelp offers proactive health management services such as Activity Tracking and Medication Reminders. MobileHelp, the first FDA registered mobile medical alert system provider, is a two-time recipient of Frost and Sullivan Leadership Awards, and was named to the 2014 Grow Florida Top Companies to Watch.  It was ranked 90th in the Deloitte 2015 Technology Fast 500, and was cited two years in a row (2014 and 2015) in the Inc. 500 list of Fastest Growing Companies in America.

**Responsibilities**

* Developed build and deployment processes for Pre-production environments.
* Used Subversion as source code repositories.
* Used **Jenkins, Build forge** for Continuous Integration and deployment into **Tomcat**Application Server.
* Used **AGILE MVN** method to develop a build and also **ANT** as a build tool.
* Used **Jira**as ticket tracking and work flow tool.
* Installing, configuring and administering Jenkins CI tool on Linux machines.
* Installed and Configured the Nexus repository manager for sharing the artifacts within the company.
* Managed **SVN** repositories for branching, merging, and tagging.
* Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads.
* Responsible for designing and deploying best **SCM** processes and procedures.
* Worked closely with software developers and DevOps to debug software and system problems.
* Maintained and coordinated environment configuration, controls, code integrity, and code conflict resolution.
* Involved in writing parent pom files to establish the code quality tools integration.
* Involved in Research of the project application architecture to support/resolve build, compile, and test issues/problems.
* Implemented the setup for Master slave architecture to improve the Performance of Jenkins.
* Developed **Shell/Perl** Scripts for automation purpose.
* Supported and developed tools for integration, automated testing and release management.
* Verified if the methods used to create and recreate software builds are consistent and repeatable.
* Releasing code to testing regions or staging areas according to the schedule published.

**Environment: SVN, Shell/Perl/python Scripts, SCM, Jenkins,Windows, Build Forge, Maven and ANT, Tomcat, Jira**

**HDFC Bank, Hyderabad India July 2008- Oct 2010**

**LINUX Administrator**

The Housing Development Finance Corporation Limited (HDFC) was amongst the first to receive an 'in principle' approval from the Reserve Bank of India (RBI) to set up a bank in the private sector, as part of RBI's liberalization of the Indian Banking Industry in- 1994. The bank was incorporated in August 1994 in the name of 'HDFC Bank Limited', with its registered office in Mumbai, India. HDFC Bank commenced operations as a Scheduled Commercial Bank in January 1995

**Responsibilities**:

* Administered, maintained **Red Hat 3.0**, **4.0**, **5.0, 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, **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 servers 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 & File System quota on Red hat Linux.
* Attended team meetings, change control meetings to update installation progress, and for upcoming changes in environment.
* 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, HP-DL585, Oracle 9i/10g, Samba, VMware Tomcat 3.x,4.x,5.x, Apache Server 1.x,2.x, Bash.

**Education:**

**Bachelors in Computer Science, University of Honolulu, India**