#### RESUMEArchitect & SysOps.jpg

**GOPAL**

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**EXPERIENCE AND SKILLS**

* Over 6+ Years of hand-on experience and detailed technical knowledge on Build and Configuration Management and DevOpsEngineering
* 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, Java, Subversion, Git, Ant, Maven, Jenkins, VMware, AWS,Ansible,Chef, Puppet, Vagrant, Docker,Tomcat,Jboss across the Health care, Finance, and Service Sector.
* Technical proficiency in SVN (Subversion), Git,and artifact repositry tools(nexus).
* Demonstrated experience and understanding of general source control concepts: Branching, merging, tagging, labels.
* Experience in creating inventory, job templates and scheduling jobs using Ansible Tower.
* Supported server/VM provisioning activities, middleware installation and deployment activities via Ansible
* Experience in administering Webserver Apache and Application server JBoss.
* Two years of experience with DevOps methodologies and cloud infrastructure automation tools like Ansible, puppet
* Working experience with cloud infrastructure **of** AWS (Amazon Web Services) and computing AMI virtual machines on Elastic Compute Cloud (EC2).
* Regularly updated all software and operating systems on the instances running in EC2, to eliminate security loopholes.
* Advanced skills in programming languages like Shell, python
* Involved in setting up JIRA as defect tracking system and configured various workflows, customizations and plug-ins for the JIRA bug/issue track.
* Experienced in Managing User Accounts and Groups, Managing Files and Directories, Package/Patch Management and Configuration, Managing Services, Volume Management**.**
* Excellent analytical, problem solving communication and interpersonal skills.
* Quick learning capability, delivering solutions as an individual and a good team player.
* Having a zeal for automation, out of the box thinking competence.
* Good understanding and exposure to Software Development Life Cycle.
* Familiarity with software development life cycle models and Agile programming methodologies

**Sterling Courier Systems INC, Herndon, VA | August 2015 – August 2016**

**DevOps / Cloud Engineer**

* Responsible for day-to-day management of all Development, Test, Stage, and Production for various Java/J2EE based enterprise applications
* Created various ANT scripts to create multiple deployment profiles and deploy the applications to Apache Tomcat
* Created branches and managed the source code for various applications in GIT
* Setup various Jenkins jobs for build and test automation.
* Experience in working with Ansible versions 1.8 & 2.0, Tower version 2.1.
* Implemented Infrastructure automation through Ansiblefor auto provisioning, code deployments, software installation and configuration updates.
* Experience in working with GIT to store the code and integrated it to Ansible Tower to deploy the playbooks.
* Experience in scheduling jobs using Ansible Tower.
* Knowledge of Agile development methodologies like Scrum, Sprintsmodel
* Experience in troubleshooting application level issues to perform root causes analysis, also performed training, design and knowledge transfer sessions.
* Managed AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing and Glacier for our QA and UAT environments as well as infrastructure servers for GIT and chef.
* Worked in Agile continuous integration environment and also automated the whole process.
* Designed and implemented scalable, secure cloud architecture based on Amazon Web Services
* Set up the scripts for creation of new snapshots and deletion of old snapshots in Amazon S3
* 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.
* Worked in the AGILE Methodologies with 3 week sprint cycle, used for SDLC management.
* Configure the servers with the CloudWatch monitoring and monitor the performance metrics of the production servers.
* Expert in deploying the code to application servers likeApache Tomcat
* Virtualized the servers on AWS using the Docker, create the Docker files and version control.
* Knowledge in Implementation of Continuous Integration and Continuous Delivery and other tooling as needed to support internal and customer development efforts to customize and enhance Open Stack.
* Used Amazon S3 for multipart upload of data and to host static web content in AWS Cloud.
* Created Virtual Private Cloud, Internet gateway, subnet and route tables using Amazon VPC
* Create, manage, and delete users and groups as per the request using Amazon Identity and Access Management.

**Environment: - GIT, Ant, Jenkins, Linux, Maven, Java, Ansible, Python, AWS, Dockers, Shell Scripting, Windows, XML, Test Manager, Tomcat**

**TCF BANK, MINNEAPOLIS, MN | March 2013 – August 2015**

**Build & Release**

* Configured, and maintained Apache web server from open source with Java and Tomcat
* As member of Release Engineering group, redefined processes and implemented tools for software builds, patch creation, source control, and release tracking and reporting, on LINUX platform
* 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
* Automating the regular tasks in Subversion and streamlining the process of access to SVN
* Migrated Projects from SVN to GIT
* Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from oneenvironment to other environments
* Responsible to perform Build operations with ANT Scripts, while implementing the required modifications inthe ANT Script to perform build operations, in accordance with requirements
* Configured the Hosted, Proxy and Virtual repositories based on the requirements to share artifacts withincompany
* Releasing code to testing regions or staging areas according to the schedule published
* Designed the Release Plans while coordinating with Stake Holders including Project Management Lead,Development Lead and QA Team Lead
* Experience working with Puppet Enterprise and Puppet Open Source. Installed, configured, upgraded andmanaged Puppet master, agents & Databases
* Integration of Puppet with Apache and developed load testing and monitoring suites in Python
* Dealt with Jira as ticket tracking and work flow tool
* Used AGILE MVN method to develop a build and also ANT as a build tool
* Designed and implemented the backup strategy for all the critical system such as build machines, Bug tracking tools, Central repositories.
* Managed the source codes repository of multiple development applications using GIT version control tools.
* Merged release branches to the master after the production release and resolved the conflicts if any during the merge in GIT.
* Experience working in automated build and deployment process for Ios and Android apps.

**Environment: - GIT, Jenkins, Linux, Maven, Puppet, Tomcat, Python, AWS, Docker, Shell Scripting, Jira.**

**JIVA INFOTECH, Hyderabad, India | January 2012 – March 2013**

**Linux Administrator**

* Handling the day- to-day operations, Install software, apply patches, manage file systems, monitoring performance and troubleshoot alerts.
* Managing Unix Infrastructure and EMC storage involving maintenance of the servers and troubleshooting problems in the environment.
* Building & Configuring Redhat Linux systems over the network, implementing automated tasks through crontab, resolving tickets according to the priority basis.
* Installing and Configuring Redhat Linux locally or over the network-kick start- (nfs, ftp, http)
* Maintaining and troubleshooting of FTP Server, Samba Server of the client.
* Administered Linux server for several functions including managing Apache/Tomcat server, mail server, and Mysql databases in both development and production.
* Created users, mange user permissions, maintain user & File System quota on Red hat Linux.
* Worked with DBAs on installation of RDBMS database, restoration and log generation.
* Handling LVM related tasks, Creating, resizing LVM, Veritas Volume manager and also managing Cluster environment using Veritas cluster suite.
* Installing, configuring and updating Solaries 7,8 Red Hat 7.x,6.x, 5.x, Windows NT/2000 Systems using media and Jumpstart and kickstart.
* Responsible for configuring Postfix mail relays with Mail Exchangers Bind DNS Server and clients, SNMP v3 and NTP relays.
* Bash shell-scripts to automate routine activities.
* Used languages like Html, JavaScript and Ajax to create the back-end portion of the Plug-in
* Performed comprehensive security audit, including software vendor patches, networking filtering.
* Managed packages, and did necessary patches in the system.
* Monitored system capacity and performance using tools like Vmstat, iostat.
* Implemented the Jumpstart servers and Kickstart Servers to automate the server builds for multiple profiles.
* System performance monitoring and tuning and system logs monitoring.
* Worked with Red Hat Package Manager RPM, YUM
* User account management, managing passwords setting up quotas and troubleshooting user logins using various remote login utilities.
* Responsible for configuring real time backup of web servers.
* Configured and managed Apache Web Server on Linux for web based applications using REST/SOAP, Apache and Weblogic.

**Environment :- RHEL 4, RHEL 6, RHEL 7, UNIX, IDS, DNS, AIX, SAN, Kickstart, Jumpstart, GSX/VMware, ESX, EMC, Centos, Ubuntu, JavaScript, Apache, Tomcat.**

**VASU Healthcare, Bangalore, India |July 2010 – January 2012**

**JAVA Developer**

* Analyzed the business requirements and developed use cases.
* Developed the class diagrams and sequence diagrams.
* Designed database table structure, and constraints.
* Implemented Java Mail API and used Struts framework.
* Established user authentication functionality and User Session using JSP/Struts technology.
* Involved in the JUnit testing and moving the system into production.
* Prepared script and build files to automate the processes.
* Interacted closely with the end users, audit and the technical team to meet the requirements.
* Lead the team in gathering the requirements for other software’s like payable at par and check protect system.
* Documented all current procedures, Application Migration, Business process flow and training manuals.
* Performed Requirement Gathering & Analysis by actively soliciting, analyzing and negotiating customer requirements and prepared the requirements specification document for the application.
* Adopted J2EE design patterns like Business Facade and Singleton and DAO.
* Implemented STRUTS Model View Controller architecture to develop presentation tier and business layer.
* Implemented Struts framework (Action and Controller classes) for dispatching request to appropriate class.
* Used simple Struts Validation for validation of user input as per the business logic and initial data loading.
* Developed SOAP based JAX-WS Web Service Components deployable to websphere application server and implemented Web Service Client using Dynamic proxy Model.
* Developed Enterprise JavaBeans for the business flow (Entity and Session Beans).
* Developed Session beans by using EJBs for business logic at the middle tier.
* Implemented Stateless and State full Session beans to capture user data and to achieve scalability, memory management.

**Environment**: **Struts, EJB, Web Logic, MySQL, xml, JMS & MQ series.**

**TECHNICAL SKILL**

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| **Platforms** | **Linux (Red Hat 4.x,5.x,6.x), Centos6, Ubuntu, windows** |
| **Virtualization** | **VMware, virtual box, AWS (EC2, Elastic Beanstalk, ELB, Route53, S3, Cloud Front, SNS, RDS, IAM, Cloud Formation)** |
| **Networking** | **HTTP/HTTPS, FTP, NFS, SMB, SMTP** |
| **Languages** | **C, C ++, JAVA, PHP Shell scripting, Python,Html5, Css3, JavaScript, jQuery** |
| **Configuration Management** | **Puppet, Chef, Ansible** |
| **Source Code Management** | **GIT, SVN, CVS** |
| **Continuous Integration** | **Jenkins, Bamboo** |
| **Build tools** | **Ant, Maven** |
| **Web and Application Servers** | **Apache 2.x, Apache Tomcat 6.x, 7.x, WebLogic 8.1, 10.x, 11g,Glassfish,IBM websphere,** |
| **Databases** | **Oracle 9i, 11g, MS SQL server 2008, MySQL 5.0.22** |
| **Monitoring tools** | **Nagios, Cloud Watch(Aws), Splunk** |

**CERTIFICATIONS**

* **AWS Certified Solutions Architect – Associate Level**

Certificate No. - AWS-ASA-17506

* **AWS Certified Sysops Administrator – Associate Level**

Certificate No. - AWS-ASOA-3948

**EDUCATION**

* Bachelor’s in Business Management, Vijayawada, INDIA