**PURENDHAR REDDY**

**purendhardevops@gmail.com**

**(845)-505-5777**

**DevOps Engineer**

**PROFESSIONAL SUMMARY:**

Over 5 years of experience in IT industry comprising of Development, Systems Administration and Software Configuration Management (SCM) Extensive experience includes SCM, Build/Release Management, and Change/Incident Management.

* Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and team work environments.
* Experience with all stages of **Software Development Life Cycle** (**SDLC**) and Good understanding of the principles and best practices of **Software Configuration Management** (**SCM**) in **Agile**, **Scrum**, and **Waterfall** methodologies**.**
* Expertise in creating **Devops strategy** in a mix environment of **Linux (RHEL, CENTOS)** and **windows server** along with **Amazon Web Services**.
* Extensive experience in using Build Automation DevOps tools like ANT, Maven, Nexus, and Hudson/Jenkins, Puppet.
* Configured and monitored distributed and multi-platform servers using **Puppet**.
* Performed integration of Code Quality Analysis Techniques like **Checkstyles**, **FindBugs**, with **CI** tools like **Hudson**/**Jenkins.**
* Experience in administering and supporting the **CM** tools including **Subversion**, **GIT** and **CVS** on **UNIX** and **windows** environments.
* Handson experience in installing/administrating/Creating Jobs using **CI** toolslike **Hudson/Jenkins**
* Proficiency in **CI** using **GIT**, **CVS**
* Practical knowledge in configuring **Puppet Master** and **Puppet agents**.
* Skilled in deploying git and Jenkins to completely provision and manage **AWS EC2 instances**, volumes, **DNS, and S3**.
* Skilled in different protocols like **FTP, SSH, HTTP, HTTPS** and Connect direct.
* Practice in Administration of Production, Development and Test environments carrying Windows, **Ubuntu, Red Hat Linux, SUSE Linux, Centos and Solaris servers**.
* Created and wrote **shell scripts (ksh, Bash), Ruby, Python and PowerShell** for setting up baselines, branching, merging, and automation processes across the environments
* Knowledge in Networking and Computer Systems Administration. Worked on automation of **micro services** using tools like **Docker** in combination with **Chef**, **Puppet** and its associated components.
* Installed Configured, Managed Monitoring Tools such as **Splunk, Nagios**, **iCinga** for Resource Monitoring/Network Monitoring/Log Trace Monitoring.
* Better know how in writing **SQL scripts for Oracle 10g, 11g and SQL Server.**
* Good time experience in managing and migrating **SQL scripts** and **PL/SQL** scripting.
* Worked on configuring the **Apache**, **Tomcat**, **Oracle WebLogic**

**TECHNICAL SKILLS:**

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| **Operating systems:** | Linux (RedHat Enterprise Linux3.x,4.x,5.x,6.x,7.x and CentOS, SUSE 8,10,11, Ubuntu 7.x – 14.x), Windows 2000/NT4.0,windows 95/98/ME/XP  vSphere ESX 3.x,4.x. |
| **Languages:** | C, C++, Java, HTML, Python, Perl, Ruby and Shell Scripting. |
| **CI & CD tools:** | Jenkins/hudson, Dockers, ANT, Maven, puppet, VSS, cruise controls, chef. |
| **Databases:** | Oracle, SQL SERVER, MY SQL, DB2 |
| **Web application servers:** | MQSeries, WebLogic, Apache Tomcat,  IBM HTTP Server |
| **Cloud services:** | AWS (EC2/SQS/SNS/S3/IAM/ELB), Open stack |
| **Source control tools:** | CVS, SVN, GIT, GITHUB, subversion. |
| **Monitoring Tools:** | AWS Cloud Watch , Splunk ,Nagios |
| **Networking:** | TCP/IP, WAN, LDAP, LAN, FTP/TFTP, F5 load balancer. |

**PROFESSIONAL EXPRIENCE:**

**AT&T, St. Louis, MO (February 2016 – Present )**

**Devops/Build & Release Engineer**

**Roles and Responsibilities:**

* Worked as a team lead which involved with different development teams and multiple simultaneous software launches.
* Hands-on experience creating and managing the various development and build platforms, and deployment strategies.
* Involved in several weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases using Version Control Tools likes **Rational Clear Case, Rational Team Concert (RTC )**
* Worked with Cloud-based solutions like **AWS** **(Amazon Web Services)** for deploying on-demand
* Deploy and monitor scalable infrastructure on **Amazon web services** (AWS) & configuration management using **puppet**.
* Created **EC2, S3 buckets and RDS instances in AWS** public cloud environment.
* Worked in Windows and Linux environments using **EC2** and **AMI**, **S3**, **EBS** for **cloud** **storage** **services**, **ELB**, and also **Auto**-**scaling** for load-balancing.
* Maintaining the security groups in **EC2, EC2 VPC** and controlling the inbound and outbound traffic that can reach the instances.
* Implemented a Continuous Delivery pipeline with **Docker**, **Jenkins**, **GitHub** and **AWS** **AMI’s**.
* Build scripts using **ANT** and **MAVEN** build tools in **Jenkins** to move from one environment to other environments.
* Involved in editing the existing **ANT/MAVEN** files in case of errors or changes in the project requirements.
* Developed automation and deployment utilities using **Ruby, Bash, Powershell, Python.**
* Worked on the installation and configuration of the monitoring tool **Splunk**.
* Automated **Splunk** services for database server, web-server, application-server, networks, file sizes, RAM utilization, Disk performances using **Python** **script**.
* Automated **Splunk** alerts and email notifications using python script and executed them through Chef.
* Implemented **Splunk** for monitoring Infrastructure resources.
* Managed and created schemas on Oracle database upon requirement.
* Worked with the documentation of Migration process, AWS Deployment setup, application Stack deployments and Troubleshooting Scenarios.

**Environment:** AWS Services: EC2, S3 & IAM, cloud watch, VPC, RDS database, Jenkins, Docker, GIT, ANT, Puppet, Apache, Red Hat Linux , Windows, JIRA, Python Scripts, Shell Scripts, chef, Splunk.

**Oracle, Reston, VA (December 2013 - February 2016)**

**Devops/Build and Release Engineer**

**Roles and Responsibilities:**

* Resolving Release conflicts regarding dates and accommodating in various Release/Build windows by negotiating with customers based on priority and other factors.
* Addressing dependencies and handling issues with release of interdependent projects especially in the Web services area.
* Coordinated Release effort amongst various teams **(Integration, QA, Testing, and Business Analysis)** in geographically separated environment.
* Participated in weekly release meetings with Technology, stakeholders to identify and mitigate potential risks associated with the monthly releases.
* Maintained all the **UNIX, Linux, AIX** and Solaris environments for deployments.
* Created and maintained **ANT** and **Shell scripts** for automating build and deployment process for **Linux environments.**
* Used **ANT and MAVEN** for building the applications and developing the build scripts.
* Builds are maintained in **Jenkins/Hudson** and deployed using **plug-ins** and Administered **Jenkins CI** for ANT and Maven Builds.
* Experience in User Management and Plug-in Management for Jenkins.
* Trained all the developers for self-help to kick of single click builds and single click deploys.
* Wrote **XMLs** and used **ANT** scripts to deploy to **WebSphere** and **WebLogic** environments.
* Enhanced Configuration Management using (**PUPPET**) to assist with automated, repeatable, and consist configuration and application deployments.
* Assisted Operations Team by writing specific **Puppet manifests** to deal with application installations and related configuration files

**Environment** : SVN, GIT, Shell Scripts, Jenkins, Maven , ANT, Web logic, Hudson, ,Tomcat, XML, Windows , Linux, Remedy, SQL, and Oracle, Python**.**

**Global Solutions, Hyderabad, Andhra Pradesh (June 2012 – November 2103)**

**Linux Administrator**

**Job Responsibilities:**

* Installation, configuration and Operating System upgrade on, **Red Hat Linux 4.x, 5.x, 6.x.**
* Installed patches and packages using **RPM** and **YUM** in **Red** **hat** **Linux**.
* Created Volumes and File Systems using **VERITAS Volume Manager 4.0 and VERITAS File System 4.0 (Foundation Suite)** and **LVM on Linux**. Created disk groups, volumes, file systems, resizing the volumes and file systems.
* Monitored System Activities like **CPU, Memory, Disk and Swap space** usage to avoid any performance issues.
* Creation of **Logical volumes (LVM)** for **Linux operating systems.**
* Installed and configured **Apache / Tomcat and WebLogic server.**
* Established connectivity among **Linux and windows Operating systems** by installing and configuring SAMBAserver**.**
* Hands-on experience with writing/modifying scripts using **sh, ksh** and **bash** for day-to-day administration.
* Installation and configuration of database systems e.g. **MySQL, Oracle10g in RHEL, Centos environment.**
* Handling day-to-day User Administration tasks like adding, deleting and modifying user data and documenting all user data in a centralized location.
* Oracle Real Application Clusters 10g **(Installation and Configuration of Linux Clusters Using RDS over InfiniBand Interconnect).**

**Environment:** Red Hat Linux, Logical Volume Manager, Global File System, Red Hat Cluster Servers, Oracle, MySQL, NIS, NFS, Apache, Tomcat, Samba

**Education:**

* Bachelors of Technology in Electronics and Communications Engineering, **Gandhi Institute of Technology and Management (GITAM University)**, India