**Priyanka Chowdary**

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**PROFESSIONAL SUMMARY:**

* Around 8+ Years of Extensive experience includes Build/Release Management, Software Configuration Management and DevOps practices with on-premise cloud and public cloud platform like **AWS.**
* Experienced working in various SDLC like **Agile Scrum**.
* Worked on Public Cloud Environments like **Amazon Web Services** and used services like **EC2, ELB**,**VPC** and **S3**.
* Implemented various **branching strategies** and **SCM policies** to Development Teams.
* Extensively worked with Version Control Systems like **GIT**, **SVN (Subversion**) and **CVS**.
* Worked with build tools **Ant** and **Maven** for writing build.xmls and pom.xmls respectively.
* Implemented Automation of servers in multiple locations using **DevOps configuration management tools.**
* Experience on**Talend Tools, Open Stack and Azure Cloud.**
* Experience in integrating **Unit Tests** and Code Quality Analysis Tools like **JUnit, Cobertura, and checkstyle.**
* Managed environments **DEV, SIT, QA, UAT and PROD** for various releases and designed instance strategies.
* Extensively worked with tools like Hudson, Jenkins, Team City and Anthill Pro to implement build automation.
* Created and Maintained **Chef Recipes** and **cookbooks**to simplify and expedite deployment of applications.
* Implemented **Puppet**modules and manifests to automate configuration of a broad range of services like **LAMPStack, HTTP** multiple Vhosts management.
* Installed and administered **Nexus** Artifact Manager for **Maven** Builds.
* Installed, configured and administered CI tools **like Hudson** and **Jenkins** for automated builds.
* Experience in deploying **WAR**, **JAR**, and **EAR** files in **Web Logic**, **Web sphere**, **JBoss** application servers in **Linux/Unix/Windows** environment.
* Experience writing **Ruby** scripts for building **deployment piplines**.
* Experience in Private Cloud Technology with **VMWare 5.0** using **Cisco Intelligent Automation Center 3.0**
* Experience in Configuring and deploying to Application servers **Tomcat, Weblogic**and**Websphere .**
* Experience with **My SQL Server** Databases and Using **RDS in AWS**.
* Ability to keep calm under immense pressure and work effectively.
* Good knowledge on ITIL Process and have worked on coordinating releases across the projects.
* Working knowledge/exposure in **JBOSS, TOMCAT & APACHE.**
* Extensive experience working / supporting applications in **Production**, **QA** and **Dev.** environments**.**
* Experience in using DOM4J**, JAXB, JAXP** parsing and**XMLBean** to process, validate, parse and extract data from **XML** files
* Extensive experience in **Java/J2EE** technologies (**Java, JDK 1.5/1.6/1.7, JSP, Servlets, JDBC, EJB**).
* Extensive **Web programming** experience with technologies likes **JSP, Java, Servlet, JavaScript,** **XML**,**AJAX, Angular JS** and **JQuery.5+**
* Expertise in **Spring and Struts MVC frameworks** for building the **web layer.**
* Expanded Experience in Network Management like **DNS, NIS, NFS, LDAP, Send mail, ftp, SSL, SSH, HTTPS, SFTP, TFTP** and system troubleshooting skills.
* Good knowledge in product deployment in servers, mail servers, monitoring tools & shell scripts, networking, **SQL/MySQL**.
* Hands on experience (Knowledge) on performance monitoring tools like **Vmstat, Iostat, SAR, Nmon, and Topas.**
* Extensive knowledge in job scheduling tools like**Nagios**.
* Knowledge in Linux command line &**bash shell** scripting.
* Organized and managed everyday administration tasks like adding and removing users, files, share permissions, trust management, replication management, server backups and server setups on **LINUX.**

**TECHNICAL SKILL SET:**

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| **Operating Systems** | Red Hat Enterprise Linux, Centos, Ubuntu, SUSE Linux and AIX |
| **Version Control Tools** | CVS, SVN, GIT, Accurev |
| **Languages** | C, JAVA, XML, SHELL, PERL, Python, Powershell |
| **Databases** | My SQL, MS Access, Oracle 9i/10g/11g |
| **Application Servers** | WebLogic, WebSphere , Tomcat 5, 6, 7 |
| **DevOps Tools** | ANT, MAVEN, HUDSON, AnthillPro JENKINS, UDeploy, CHEF,Puppet |
| **Cloud Platforms** | Amazon Web Services, VMWare 5.0 Cisco Intelligent Automation Center |
| **Development Methodologies** | Agile, Scrum, Waterfall, TDD. |
| **Web Technology** | JSP, JavaScript, AJAX, HTML 5, CSS 3, XML, XHTML, JSTL, JQuery, XSLT, XPath, XQuery, SOAP, Ext JS,Node.js,Adobe Flex. |

**PROFESSIONAL EXPERIENCE:**

**Qualcomm, San Diego, CA Apr 2016 – PRESENT**

**Description:** Qualcomm is an organization driven by purpose. As one of the Nation's largest and strongest chip manufacturers, they offer a full suite of products and services designed to meet the needs of consumers, businesses, and corporate and institutional clients.

**Role: Sr. DevOps AWS Engineer**

**Responsibilities:**

* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups and Cloud Formation Templates.
* Setup S3 buckets for Artifact management and Storage of batch files for multi cluster batch application.
* Migrated On Premise MySQL database to Multi Availability Zone RDS instances.
* Configured Elastic Load Balancers with EC2 Auto scaling groups.
* Created monitors, alarms and notifications for EC2 hosts using CloudWatch.
* Administered and maintained Subversion version control system adhering to the branching policies.
* Used MAVEN to automate the build process.
* Integrated the Code Quality tools Cobertura and Checkstyle to Maven Projects.
* Installed and Configured Nexus to manage the artifacts in different Repositories.
* Installed, Configured and automated the Jenkins Build jobs for Continuous Integration and AWS Deployment pipelines using various plugins like Jenkins EC2 plugin and Jenkins Cloud Formation plugin.
* Worked with Ansible by creating Ansible play books
* Created Docker containers for Apache on Redhatlinux.
* **AWS Import/Export accelerates** moving large amounts of data into and out of AWS using portable storage devices for transport.
* Created Chef recipes, cookbooks roles and environments.
* Used chef cookbooks from Chef Supermarket and created custom wrapper cookbooks.
* Setup On-commit triggered build and scheduled builds for various projects.
* Installed Apache Tomcat 6, 7 and Apache Http Servers on the EC2 instances using CHEF and deployed the artifacts.
* Developed Ruby Scripts for the purpose of deployment pipelines to the different environments.
* Worked in Agile Scrum Project management Process.
* Managed and performed the environment related configuration changes as a part of deployment.
* Coordinated application releases with Development, DBA, QA and Project Management teams.
* Troubleshoot the automation of installing and configuring Java applications in the testing and production environments.
* Working experience on both linux/windows environments.
* Created deployment request tickets in Remedy for the deploying the code to Production.
* Attended the Minor/Major Event change control meetings to get necessary approvals for the deployment request.
* Documented the deployment process (Migration Doc) of code to production.
* Used JIRA as Issue Tracking Tool.

**Environment**: Subversion, GIT, Java/J2EE.Net, JDK, ANT, MAVEN, DB2, Redhat Linux, Windows XP, ApacheTomcat, Docker,JIRA,CHEF, MySQL,AWS,Jenkins,RubyScripts

**CIT Group, Livingston, NJ October 2013 – March 2016**

**Description**: Performed build and release of all software cycles engineering, test, production, update, patches, and maintenance. Enforced issue/defect management process using Work Items in Team Foundation Server. Improved productivity by designing & developing full-feature build systems, tools and scripts that enable efficient, flexible builds.

**Role: DevOps AWS Engineer**

**Responsibilities:**

* Implemented AWS solutions using E2C, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups.
* Configured Elastic Load Balancers with EC2 Auto scaling groups.
* Created monitors, alarms and notifications for EC2 hosts using CloudWatch.
* Administered and maintained Subversion version control system adhering to the branching policies.
* Used MAVEN to automate the build process.
* Integrated the Code Quality tools Cobertura, PMD, Find Bugs and Checkstyle to Maven Projects.
* Installed and Configured Nexus to manage the artifacts in different Repositories.
* Installed, Configured and automated the Jenkins Build jobs for Continuous Integration.
* Setup On-commit triggered build and scheduled builds for various projects.
* Used Apache Tomcat as application server for deploying the artifacts.
* Developed UNIX and Perl Scripts for the purpose of manual deployment of the code to the different environments.
* Worked in Agile Scrum Project management Process.
* Managed and performed the environment related configuration changes as a part of deployment.
* Coordinated application releases with Development, DBA, QA and Project Management teams.
* Troubleshoot the automation of installing and configuring Java applications in the testing and production environments.
* Served as a partial administrator for UNIX machines.
* **Supported AWS Cloud environment** with 200+ AWS instances and configured Elastic IP & Elastic Storage and experience working on implemented security groups.
* Created deployment request tickets in Remedy for the deploying the code to Production.
* Used sub modules in the GIT and educated users working with sub modules in GIT. Configured plugins for the integration tools to the version control tools.
* Attended the Minor/Major Event change control meetings to get necessary approvals for the deployment request.
* Documented the deployment process (Migration Doc) of code to production.
* Used JIRA as Issue Tracking Tool.
* Developed front-end components using JSP, Struts Tiles layout.
* Implemented J2EE patterns like, Data Access Object, Session facade, Business Delegate and Value Object.
* Extensive experience working / supporting applications in Production, QAand Dev**.** environments**.**

**Environment**: Subversion, GIT, Java/J2EE.Net, JDK, ANT, MAVEN, DB2, Redhat Linux, Windows XP, ApacheTomcat, Docker,JIRA,CHEF,Remedy, E2C, S3, RDS, EBS, Elastic Load Balancer,AWS.

**ECHOSTAR, Cheyenne, WY Feb 2011 – Oct 2013**

**Description:**ECHOSTAR Grand Central is an exciting expansion of IT campus and a global innovator. ECHOSTAR becoming larger of its in house software development capacity to support its products and services including the award winning Hopper DVR platform and Sling TV, the industry's first live and on demand Internet TV app.

**Role: Build & Release Engineer**

**Responsibilities:**

* Participated in the release cycle of the product, which involves environments like Development, QA and UAT.
* Wrote build.xml for applications using Ant.
* Analyzing ANT Projects for Converting ANT Build Projects to Maven Build Projects.
* Developing Maven Build Scripts based on the requirements.
* Managed Maven project dependencies by creating parent-child relationships between projects
* Developed and implemented Software Configuration Management strategies for various applications according to the agile process.
* Deployed cloud stacks using **AWS OpWorks, Optimized volumes and EC2 instances & created multi AZ VPC instances.**
* Managed the Subversion branching strategy for few applications by creating Release branches, Development branches thus ensuring the integrity of Trunk.
* Jenkins is used as a continuous integration tool for build and deployment of JAVA code.
* Installed and Administered Jenkins CI for ANT and Maven Builds.
* Experience in User Management and Plug-in Management for Jenkins.
* Used Nexus as Artifact Repository Manager.
* Coordinated Release effort amongst various teams (Integration, QA, Testing, and Business Analysis) in geographically separated environment.
* Involved in Creating and Configuring different Repositories in Nexus.
* Worked in agile modeled software development life cycle.
* Participated in weekly release meetings with Technology, stakeholders to identify and mitigate potential risks associated with the monthly releases.
* Developed build scripts using ANT as the build tool for the creation of (WAR files) build artifacts.
* Involved in troubleshooting the automation of Installing and configuring JAVA applications in the test and pre-production environments.
* Deployed the archives like war files into the Tomcat Application Servers.
* Involved in editing the existing ANT build files in case of project requirement changes.
* Responsible for the development and maintenance of processes and associated scripts/tools for automated build, testing and deployment of the products to various developments.

**Environment**: Shell Scripting, Jira, Bamboo, GIT, Confluence, .Net, ANT, TFS, Tomcat Apache Jenkins, J2EE and Artifactory.

**SunTrust Bank, Atlanta, GA Jan 2009 – Jan 2011**

**Description:**Sun Trust Bank is an organization driven by purpose and a personal touch. As one of the Nation's largest and strongest financial services companies, they offer a full suite of products and services designed to meet the needs of consumers, businesses, corporate and institutional clients.

**Role: DevOps Engineer**

**Responsibilities:**

* Interacted with client teams to understand client deployment requests.
* Coordinate with the Development, Database Administration, QA, and IT Operations teams to ensure there are no resource conflicts.
* Worked closely with Project Managers to understand a code/configuration release scope and how to confirm a release was successful.
* Build, manage, and continuously improved the build infrastructure for global software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment tools.
* Created JIRA issues to prioritize and take action on what's important, and stayed up to date with what's going on around the project.
* Implemented continuous integration using Jenkins
* Created repositories according the structure required with branches, tags and trunks. Knowledge of Dev Ops principles and practice.
* Configured application servers (JBOSS) to deploy the code.
* Used sub modules in the GIT and educated users working with sub modules in GIT. Configured plugins for the integration tools to the version control tools.
* Worked with the developers to configure plugins trough Eclipse to develop the code.
* For check in process used Tortoise SVN as a migration tool. Involved in migration of Bamboo server, Art factory, Perforce &Git server.
* Responsible for writing Hooks and Triggers using Perl. Built Java application using ANT.
* Extensively used ANT tool to do the builds, integrated ANT to Eclipse and did local builds.
* Integrated Maven with Jenkins for the builds as the Continuous Integration process.
* Build Java code on to different Jenkins servers as per the schedule.
* When required applied patches as per the release process.
* Maintained JIRA for tracking and updating project defects and tasks.
* Managed and document all post deployment issues utilizing the Post Deployments Issue Log.
* Kept information organized and accessible with a flexible page hierarchy using Atlassian Confluence pages
* Organized a daily stand-up post-deployment meeting to review all issues being tracked. Ensure every issue has an owner and that it is resolved while capturing the specific details about the issue, resolution, and which organizations and individuals provided the resolution.

**Environment**: Perl Scripting, Shell Scripting, Subversion, Perforce, Hudson, Jira, Bamboo, GIT, Tomcat, Confluence, Maven, Visual Build, ANT, Jenkins, J2EE.

**EDUCATIONAL EXPERIENCE:**

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| **Degree / Standard** | **Marks** | **School / College** | **University / Board/ Location** |
| Bachelor Of Engineering | 3.6 GPA | JNTU University | JNTU, Hyderabad |