

## Summary:

- ❖ 8+ years of experience as a SCM, Environment Management and **Build/Release** Engineering I am currently looking for a core **DevOps engineer** position where I am looking to work/implement and enhance the end to end work flow of **Continuous Integration, Continuous Delivery and Continuous Deployment** process for an organization.
- ❖ Experience in using version controller tools like Subversion (**SVN**), **GIT**, IBM Clear case UCM and PVCS.
- ❖ Responsible for merging, tagging and conflict resolution in **GIT** and **Geritt**.
- ❖ Extensively worked on **Hudson/Jenkins** and Team City for continuous integration and for End to End automation for all **build** and deployments.
- ❖ Implemented and supported CI process via **Jenkins** and **Bamboo** for several java applications including setting up pipeline jobs and downstream job configurations in **Jenkins**.
- ❖ Maintained **Jenkins masters with over 80+ jobs for over 10+ different applications** supported several quarterly and project releases in parallel.
- ❖ Hands-on experience on **Chef** as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
- ❖ Supported server/VM provisioning activities, middleware installation and deployment activities via chef.
- ❖ Written Chef cookbooks and recipes to Provision Several pre-prod environments consisting of Cassandra DB installations, WebLogic domain creations and several proprietary middleware installations
- ❖ Written **Chef Recipes** to automate our **build/deployment** process and do an overall process improvement to any manual processes.
- ❖ Hands on experience in **AWS** provisioning and good knowledge of **AWS** services like **EC2, S3, Glacier, ELB, RDS** and **Cloud Formation**.
- ❖ Amazon **AWS-EC2 VPC** and Virtualization, VMware server Infrastructure **build** design DEVOPs solutions.
- ❖ Worked in managing VMs in Amazon using **AWS EC2** and Maintaining the DB backups and moved to Amazon **S3** browser using **s3cmd**.
- ❖ Experience with provisioning and configuration management tools and technologies such as **Rundeck**.
- ❖ Created and implemented chef recipes to manage **Rundeck** and **Jenkins** instances.

- ❖ Worked with development engineers to ensure automated test efforts are tightly integrated with the **build** system and in fixing the error while doing the deployment and building.
- ❖ Experience in integrating Unit Tests and Code Quality Analysis Tools like **Junit**, Cobertura, Clover, PMD, find bugs and Checkstyle.
- ❖ Work with Docker and help improve our Continuous Delivery framework to streamline releases and reliability.
- ❖ Develop continuous delivery product **release** pipelines, using tools such as **Rundeck**, **Jenkins**, and chef to enable **release** and operations automation
- ❖ Ability in deploying the developed code in a WebSphere/WebLogic/**Apache Tomcat/JBOSS, IIS7**.
- ❖ Experience writing **Shell** and **Perl** scripts to automate the deployments. Ability in managing all aspects of the software configuration management process.
- ❖ Experience in using bug tracking systems like JIRA, Remedy
- ❖ Extensively used **build** utilities like Maven, ANT for building of jar, war, bar and ear files.
- ❖ Experience in managing the artifacts generated by **MAVEN** in the **Nexus** repository.

### Technical Summary

<b>Build</b> Tools	: Ant, Maven, Gradle, and NANT.
Scripting Languages	: Shell, Ruby, Perl
Configuration Management	: Perforce, Subversion, GIT, PVCS Version Manager
CI Tools	: <b>Jenkins</b> , AntHillPro, Teamcity, Bamboo
Operating Systems	: Windows, UNIX, RHEL and Solaris.
Databases	: Oracle, MySQL, MSAccess
Change Management	: Remedy, Service Now, and PVCS Tracker.
Web/Application Servers	: Tomcat, HTTP Server, WebLogic, Jboss,
Bug Reporting Tools	: SDM-12, Bug Zilla, JIRA and Rational Clear Quest.
DevOps	: Chef, Puppet, Openstack& <b>AWS</b> working knowledge
Other Tools/Applications	: HP PPM, SharePoint, Confluence, F5,

### PROFESSIONAL EXPERIENCE

Client: Symantec, Heathrow, FL

Sep' 2013 -till date

Role: SrDevOps / **Build** and **Release** Engineer

### Roles &Responsibilities:

- Developed **build** and deployment processes for Pre-production environments.
- Worked closely with the development and operations organizations to implement the necessary tools and process to support the automation of builds, deployments, testing and infrastructure (infrastructure as code) using **Chef**.
- Developed Chef Recipes to configure, deploy and maintain software components of the existing infrastructure
- Used **Chef** to automate Configuration management & Applications.
- Implemented Chef best-practices and introduced Berkshelf and Test Kitchen to facilitate a more natural cookbook development work flow.
- Managed SVN/Git repositories for branching, merging, and tagging.
- Developed Shell/Perl Scripts for automation purpose.
- Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads.
- Strong understanding of DevOps practices across industry including **AWS** code and deployment toolsets like **CodeDeploy**.
- Worked closely with software developers and Sysadmin to debug software and system problems
- Used Chef to manage Web Applications, Config Files, Data Base, Commands, Users Mount Points, and Packages.
- Create VM's using **AWS AMI** and deploy application using **Chef**
- Created **AWS EC2** instances and deployed applications and delivered for QA teams to initiate performance testing.
- Setup from scratch Continuous Integration (CI) environments (**Jenkins** on ec2 over vpc) complete with automated unit testing and Code Coverage tools.
- Integrated Amazon Cloud Watch with Amazon EC2 instances for monitoring the log files, store them and track metrics.
- Maintained and coordinated environment configuration, controls, code integrity, and code conflict resolution.
- Migrated ANT projects into Maven projects and written **MAVEN** pom files from the scratch for multi module projects.
- Involved in writing parent pom files to establish the code quality tools integration.
- Installing, configuring and administering **Jenkins** CI tool on Linux machines.
- Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using GIT source control.
- Implemented the setup for Master slave architecture to improve the Performance of **Jenkins**.

- Upgrading **Jenkins** & deploy Tomcat 7 on the existing applications. Configuring **LDAP** authentication with the existing software structure (**Jenkins**).
- Managed Version Control Subversion (**SVN**) and **GIT** Hub Enterprise and Automated current **build** process with **Jenkins** with proposed Branching strategies to accommodate code in various testing cycles.
- Suggested tools and related implementation to engineering teams regarding cloud based services.
- Executed QA services for enhancing efficiency of technologies AND related updates for cloud storage applications.
- Used **Jenkins** for Continuous Integration and deployment into Tomcat/Weblogic Application Server.
- Installed and Configured the **Nexus** repository manager for sharing the artifacts within the company.
- Involved in Research of the project application architecture to support/resolve **build**, compile, and test issues/problems.
- Releasing code to testing regions or staging areas according to the schedule published.
- Used **Jira** as ticket tracking and work flow tool.

**Environment:** Java/J2ee, SVN, GIT, **Jenkins**, **AWS**(EC2, S3, CloudFormation), Chef, Maven, ANT, Nexus, Tomcat, Cloud computing, JBoss, Jvm, Splunk, Jira, Shell/Perl Scripts, **Python**.

**Client:** Fidelity, New York City, NY

**May' 2012 – Aug' 2013**

**Role:** SrBuild and **Release** Engineer

#### **Roles & Responsibilities:**

- Participates in in the **release** cycle of the product which involved environments like Development, SIT, QA, UAT and Production.
- Converting the ANT **Build** projects to Maven **Build** projects.
- Developing the Maven **build** scripts (pom.xml)
- Managed Maven project dependencies by creating parent-child relationships between projects.
- Creation of Svn hooks, **Python**, Batch scripting for some custom rules.
- Used SVN as Version control for versioning code and configurations.
- Manage all CM tools (JIRA, Confluence, Artifactory, SVN, Maven, **Jenkins**, ANT, GIT, **GitHub**) and their usage / process ensuring traceability, repeatability, quality, and support.
- Responsible for creating New Branches, Rebasing and Re-integrating branches.

- Creating new **build** jobs, Integration testing jobs and deploy jobs in **Jenkins** to automate the process
- Automated legacy infrastructure in the interim while working through Chef.
- Automated the process of deployment to Apache Tomcat application servers by developing Perl Scripts.
- Experience in managing Source control systems GIT and SVN.
- Managed **Jenkins** and Bamboo as a CI server for different projects.
- Worked in Agile Project management Process.
- Built and Deployed Java/J2EE to Tomcat Application servers in an Agile continuous integration process and automated the whole process.
- Worked on Amazon cloud POC (**AWS**)-installation of open stack and Image.
- Continuous Integration of builds using **Jenkins**'s,
- Migration of **build** system Ant to Maven and managing the **build** system.

**Environment:** Java/J2ee, ANT, Maven, **GitHub**, JIRA, Artifactory, **Jenkins**, **Python**, **AWS**, GIT, SVN, Web Logic, Perl and Shell Scripts, CVS, Linux.

**Client:** ADP, Marlborough, MA

**Sep' 2011-Mar' 2012**

**Role:** SCM Engineer

#### **Roles & Responsibilities:**

- Participated in the **release** cycle of the product which involved environments like Development, INT, QA, UAT and Production.
- Responsible for the building and deploying the artifacts into DEV, INT and QA Environments
- Responsible for Branching and merging the code as per the schedule.
- Perform biweekly **build** cycle and testing processes.
- Used MAVEN to automate the **build** process.
- Installed and Configured Continuum jobs for automating some **build** Processes.
- Configured and automated the **Jenkins Build** jobs for Continuous Integration.
- Used Apache Tomcat as application server for deploying the artifacts.
- Involved in creation and configuration of Domains, JVM instances in production, QA and UAT environments.

- Developed and maintained Perl/Ant scripts for **build** and **release** tasks.
- Modified ANT scripts to **build** the JAR, Class, WAR and EAR files from VOB's.
- Developed utilities for developers to check the checkouts, elements modified based on project and branch.
- Experience in managing Source control systems GIT and SVN.
- Created Subversion configuration record for builds using derived objects generated during **build** audit process.
- Configured clusters to provide fail over, load balancing and deployed applications on clusters.
- 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.
- Managed and performed the environment related configuration changes as a part of deployment.
- Coordinated **Release** effort amongst various teams (Integration, QA, Testing, and Business Analysis) in geographically separated environment.
- Attended the Minor/Major Event change control meetings to get necessary approvals for the deployment request.
- Used Perl/Shell to automate **build** and deployment Process.
- Executed the DB Scripts (DML's) which have dependencies on the code on Oracle DB.
- Documented the deployment process (Migration Doc) of code to production.
- Used **JIRA** as Issue Tracking Tool.

**Environment:** Java, Ant, MAVEN, Hudson/**Jenkins**, SVN, GIT, UNIX, Apache Tomcat, Oracle DB, Perl/Shell.

**Client:** CNA financial corporation, Chicago, IL

**Nov' 2010 – Aug' 2011**

**Role:** **Build** and **Release** Engineer

### **Roles & Responsibilities:**

- Responsible for the building and deploying the artifacts into DEV, INT and QA Environments
- Used Subversion as version Control for maintaining the versions.
- Created **Subversion** configuration record for builds using derived objects generated during **build** audit process.
- Perform biweekly **build** cycle and testing processes.
- 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.

- 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 and E-mail the team when the **build** is completed.
- Managed and performed the environment related configuration changes as a part of deployment.
- Coordinated application releases with Development, DBA, QA and Project Management teams.
- Coordinated **Release** effort amongst various teams (Integration, QA, Testing, and Business Analysis) in geographically separated environment.
- 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.
- Used Perl/Shell to automate **build** and deployment Process.
- Executed the DB Scripts (DML's) which have dependencies on the code on Oracle DB.
- Documented the deployment process (Migration Doc) of code to production.
- Used **JIRA** as Issue Tracking Tool.

**Environment:** Java/J2EE, ANT, Maven, Subversion, **Jenkins**, Jira, Perl and Shell Scripts, Web Logic.

**Client:** Broadridge, Hyderabad, INDIA

**Jun 2007 – Oct 2010**

**Role:** **Build** and **Release** Engineer

### **Roles & Responsibilities:**

- Provided CM and **Build** support for more than 5 different applications, built and deployed to the production and lower environment.
- Defined and Implemented CM and **Release** Management Processes, Policies and Procedures.
- Implement, maintain and support reliable, timely and reproducible builds for project teams.
- Maintained **build** related scripts developed in ANT, **Python** and shell. Modified **build** configuration files including Ant's **build.xml**.
- Worked with development team to migrate Ant scripts to Maven.
- Experienced in authoring pom.xml files, performing releases with the Maven **release** plugin, Mavenization of Java projects and managing Maven repositories.
- Researched and implemented code coverage and unit test plug-ins with Maven/**Jenkins**.
- Participated in the **release** cycle of the product which involves environments like Development, QA, UAT and Production.
- Responsible for the **build** and **release** management process.
- Responsible for automated **build** scripts and resolve the **build** issues.

- Coordinating with development teams to perform builds and resolve **build** issues.
- Analyze and create daily reports on the status of server backups on intranet and extranet.  
Provide complete phone support to customers.
- Setup and debug hardware related issues for server builds.
- **Build** artifacts (WAR's and EAR's) are deployed into a Web logic app server by integrating the WLST scripts to Shell Scripts
- Maintained configuration files for each application for **build** purpose and installed on different environments.
- Perform biweekly **build** cycle and testing processes on Solaris.
- Troubleshoot tickets on the helpdesk tracking system.
- Used Maven dependency management system to deploy snapshot and **release** artifacts to Nexus to share artifacts across projects.
- Configured and maintained **Jenkins** to implement the CI process and integrated the tool with Ant and Maven to schedule the builds.
- Work with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of **build** and test systems.
- Worked on the Oracle databases in the backend to execute the DMLs and DDLs.

**Environment:** ANT, Maven, SVN, Hudson, Web Logic, JSP, Anthill Pro, Perforce, Perl Script, Shell Script CVS, Linux, Java, J2ee, EJB

## Education

Bachelor of Engineering from Jawaharlal Nehru Technological University with Major in Computer Science Engineering.



# Dipali Verma

- FL, US

## Contact Information

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## Work History

Total Work Experience: 17 years

- Srdevops / **Build** And **Release** Engineer Symantec  
Sep 01, 2013
- Srbuid And **Release** Engineer Fidelity  
May 01, 2012
- SCM Engineer ADP  
Sep 01, 2011
- **Build** And **Release** Engineer CNA Financial Corporation  
Nov 01, 2010
- **Build** And **Release** Engineer Broadridge  
Jun 01, 2007

## Skills

- apache ant - 9 years
- apache maven - 9 years
- configuration - 9 years
- continuous integration - 9 years
- java - 9 years
- **jenkins** - 9 years
- perl - 9 years
- production - 9 years

- **qa** - 9 years
- **scripting** - 9 years
- **software deployment** - 9 years
- **j2ee** - 8 years
- **svn** - 8 years
- **engineering** - 7 years
- **infrastructure** - 7 years
- **linux** - 7 years
- **nexus** - 7 years
- **python** - 7 years
- **shell** - 7 years
- **software release life cycle** - 7 years

## Work Preferences

- Desired Work Settings: No Preference
- Likely to Switch: False
- Willing to Relocate: True
- Work Authorization:
  - US
- Work Documents:
  - Green Card Holder
- Security Clearance: False
- Third Party: True
- Employment Type:
  - Contract - Independent
  - Contract - W2
  - Contract to Hire - Independent
  - Contract to Hire - W2

## Profile Sources

- Dice:  
<https://www.dice.com/employer/talent/profile/9dd57d7584849eaba7515c7dc44213d1>