# Gunjan Nagdive

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An individual with 7+ years in SCM, DevOps Engineer looking for obtaining a position with a company to utilize my skills along with my experience in this current fields. Expertise includes ability in managing all aspects of the software configuration management process including code compilation, packaging / deployment / release methodology, and application configurations.

Summary

* Experience with additional version control tools such as Git, Subversion (SVN), Perforce, TFS and UCM Clear Case.
* Experience in deploying applications in AWS.
* Extensive exposure to Configuration Management policies and practices with regards to SDLC; along with automation of scripting using BASH/Shell, Perl scripting
* Having good administration experience in maintaining Atlassian products like JIRA, Confluence, Fisheye, Bamboo, Crowd etc.
* Installing and using Splunk apps for UNIX and Linux (Splunk nix).
* Experience with DNS, Load Balancing, ELB.
* Introduced to Mercurial and Tortoise for version control.
* Provided Agile Coaching and system training to Scrum teams
* Experience in upgrading and migrating various versions of Mongo database on different platforms.
* Designing and implementing a series of PowerShell workflows and scripts.
* Using C# to create custom objects to handle functions difficult to implement with PowerShell.
* Experience with Amazon AWS EC2, VPC, S3, ELB, Route 53, and Security Groups.
* Added and updated RESTful APIs for invocation refactoring model & response objects accordingly. aaaa
* Successfully maintaining all the servers (DEV, QA) with the required code with help of Udeploy in a timely manner for regression testing and smoke and UAT Standardized QA standards and practices across teams where possible.
* Perform daily commercial and residential salt delivery/ put salt into units
* Experience in administrating operating systems like windows and Linux.
* Experienced in trouble shooting, configuring and deploying enterprise applications in Web Sphere, BEA Web Logic and Tomcat as well. Extensive experience in using Continuous Integration tools like Cruise Control, Cruise control.net, AnthillPro, Build Forge, Bamboo and Hudson.
* Expertise building and monitoring software projects continuously with CI tool such as Bamboo, Jenkins, Hudson, Cruise Control, Anthill Pro, Build Forge, VBP.
* Implemented ANT and Maven build scripts for the JAVA applications and NANT and MS Build actively worked with application teams to understand current Build and Deploy process.
* Expertise in using Splunk with shell script in creating scripts for various activities like Generating Server Status and Health reports, Deployments on large scale configuration of servers.
* Good command in working with Tracking Tools JIRA, Remedy and IBM Rational Clear Quest.
* Automated using Ansible, Python, Perl or shell scripting with attention to detail, standardization, processes and policies. Implementation of TFS 2013 Release Management Functionality for entire corporate codebase.
* Extensively worked with automation tools like Hudson, Jenkins and Build Forge to implement the End to End Automation.
* Implemented multi-tier application provisioning in Open Stack cloud, integrating it with Chef/Puppet
* Redesigned and redeployed the Nagios implementation. Nodes automatically added/removed themselves via Puppet.
* Automated the release pipeline to achieve zero touch deployments using SVN, Nexus and Nolio.
* Worked on Automation of Build Process for Web Logic and JBOSS to show significant cost saving and better utilization of team time and resources
* Good understanding of Agile Culture (Scrum/Sprints/Iterations) in Agile SDLC.
* Familiar with large scale custom network monitoring solutions utilizing open source software. (Nagios, Zabbix).

**Technical Skills:**

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| **Operating Systems** | Solaris, Linux, HP-UX, Windows |
| **Scripting** | Shell, Perl, Python / Jython |
| **Build Scripting** | Make, Apache Ant, Nant, Maven, MS Build |
| **Continuous Integration Tool** | Anthill Pro 3.8, Jenkins/Hudson, Bamboo, Cruise Control, Team Foundation Server |
| **Deployment Tools** | Nexus,IIS, IHS, Web sphere, Web logic, Tomcat, JBoss |
| **Source Control** | Rational Clear Case, VSS, TFS, Perforce, (subversion) SVN, GIT |
| **Database** | Oracle 8i/9i/10g, PL/SQL etc. |
| **Languages:** | C, C++, Java J2EE, C#, .NET |
| **Application Monitoring Tools** | J2EE, JSP, RMI, EJB1.1, JDBC, JavaScript, Nagios, Mercury |
| **Bug Tracking Tools** | Bugzilla, Clear Quest, Footprints, Quality Center |
| **ETL Tools** | ETL Service/Engine, DB2 client, Discovery, Data Studio, Data Architect |
| **Others** | SAML,JIRA, Bamboo, Chef, Puppet, Ansible |
| **Middleware Administration** | JBoss, Web sphere, Web logic, Apache, Tomcat,  tc-Server, Web sphere-WMB |

Work Experience

**Regions Financial, AL DevOps Consultant**

**Oct 2013 – Present**

* Maintained Chef and Puppet servers and management application that can use Service Now (CI) data to bring computers into a desired state by managing files, services, or packages installed on physical or virtual machines.
* Conduct builds for suite of J2EE applications using Hudson, Maven, and Ant.
* Developed policy and scripts for automation of build based on Perl, ANT, MS Buildunder Build Forge.
* Implementation using Yarn, Ambari and Azure Powershell.
* Experienced working with various services in Azure like Data Lake to store and analyse the data.
* Installation, Configuration and up gradation of Clusters and Azure.
* Implementation using Yarn, Ambari and Azure Powershell.
* Using Azure Cloud services performed various web operations in Azure App Service.
* Defined new HP ALM topology with various server configurations and hardware needs for production and Test environments.
* Developed automation framework for Application Deployments to the cloud environments.
* Experience with deploying applications to the cloud using technologies: Amazon Web Services (AWS), Nginx and Docker.
* As part of the team focused on planning and implementing the migration from metal to cloud I used Ansible, Rundeck, and AWS to create a self-scaling, healing and self-replicating environment.
* Automation - Installed and tested Rundeck, which was adopted for version releases and configuration management. Became SME, trained others to use it.
* Implementing a Continuous Delivery framework using Jenkins, Chef, Maven, ANT, Ansible, TFS, Rundeck & Nexus.
* Chose and built new services including Gitlab, Rundeck, and FreeIPA
* Developing , and supporting UNIX/Linux shell scripting
* Created company Docker CentOS 7 Basebox on top of both Open Stack and Vagrant with Bash build script
* Proficient with testing REST APIs, Web & Database testing.
* Design and develop a responsive website using Drupal (PHP, CSS, HTML5, SQL, Docker, Vagrant, Bash, Postgres, and MySQL).
* Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub, Nexus, Maven and AWS AMI's.
* Worked with IT operational readiness team to design and implement build and release scripts using UNIX or LINUX implementing/configuring an industry standard tool.
* Bash scripting supporting Linux servers and end-user workstations.
* Involved in managing Virtual Centos Linux servers running on VMWare ESX 4/5
* Experienced in developing web-based applications using Python, Django, XML, CSS, HTML, DHTML, JavaScript and Jquery.
* Created users in mongo database and assigned specific roles to maintain security of Database.
* Designed and developed load balancing Mongo applications.
* Implemented Grails TagLibs to avoid groovy code in GSP pages.
* Configured Kick start servers to install Red Hat Linux and VMWare ESX on multiple machines.
* Used groovy and spring boot to collecting the data from users and packaged the data as JSON distributed to 43 applications.
* AWS Cloud management and Puppet automation.
* Facilitate Scrum or agile process: Sprint Planning, Daily Scrum, Sprint Review, Sprint Retrospective and Backlog refinement.
* Served as Scrum Master for development teams and removed impediments to team progress
* Developed Agile processes using Groovy, JUnit to use continuous integration tools.
* Worked on version control tools like GIT and SVN and integrated build process with Jenkins.
* Created Jython script to automate the deployment process which deploys the application
* Extensively worked with VSTF and Microsoft MTM. Experience on Splunk search construction with ability to create well-structured search queries that minimize performance impact.
* Estimated AWS usage costs and identifying operational cost control mechanisms.
* Indented and gather requirements to define a solution to be built and operated on AWS.
* Created detailed AWS Security Groups which behaved as virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances.
* Implementation of various agile framework/tools for DevOps like ELK (Elastic Search), Docker based CICD framework, High-scaled and distributed computing environment.
* As a DevOps Engineer supported multiple teams for multiple applications including .Net and Java/J2EE.
* Experience in DevOps Engineering in automating, building and deploying of code within different environments (Dev, SIT, UAT, Staging & Prod).
* Utilize DevOps methodologies and best practices to create infrastructure automation and continuous delivery.
* Utilize Cloud Formation and Puppet by creating DevOps processes for consistent and reliable deployment methodology.
* Expertise in Puppet Administration tool (Ingrown tool), a tool which acts as a puppet dashboard for managing puppet profiles, modules, classes and top scope variables. Expertise in Puppet Promotion tool (Puppet Promo, Ingrown tool), a tool which helps us to promote code/puppet modules across the environments in an organization.
* Performed automation and code deployments by using Build Automation DevOps tools Hudson/Jenkins and puppet.
* Automated the cloud deployments using chef, python (boto& fabric) and AWS Cloud Formation Templates.
* Used Jenkins& Puppet to perform automated CI Builds and Deployments.
* Developed and tested many features in an AGILE environment using Ruby on Rails, HTML5, CSS, JavaScript, and Bootstrap.
* Production support credit risk applications, stored procedures, and UNIX shell scripts.
* System implemented using Java loading programs, shell scripts and SYBASE stored procedures.
* experience in developing UNIX shells scripts in Korn (.KSH)
* Implementing Ruby and Rails upgrades, patches and publishing Ruby Gems.
* Worked on installation and configuration of DevOps tool, Puppet.
* Used plugins such as Ivied, Subclipse, JBoss Tools, Google Plugins, JET Template Editor and other optional plugins to set up the Eclipse workspace for the project conversions.
* Created scripts by using Jenkins and Hudson.
* Created web services, model objects using Liferay Service Builder and exposed them as RESTAPIs with JSON output.
* Actively participated in the automation effort. Wrote security & web architecture provisioning scripts for Opcode Chef, in Ruby.
* Using Build Forge and Cruise Control - Build project .ear files and deploy to appropriate environments in accordance with daily/weekly/monthly schedule.

**Technologies:CVS, GIT, Subversion (SVN), TFS, AWS, MS Build, Tortoise CVS, Perforce, Apache ANT, Maven, Make, Nexus ,Web Sphere Application Server ,perforce, Perl Script ,Perl, python ,ruby, Jython , Kourne, Shell scripting, ,Jenkins, Hudson,Vagrant** , **Build forge,VSTF, Urban code, Chef, Visual Build Professional, Team city, Build Forge ,JBoss ,Bamboo ,Groovy, Nolio,UCM Clear Case and Clear Quest, UNIX, Windows XP,Docker.Net, Java (GUI), .NET, NANT, Perl,vmamplifier, Shell, Tomcat, SonarQube, PowerShell, VB, Oracle, Jira.**

**Erie Insurance, Erie, PA DevOps Consultant/Configuration Engineer**

**June 2011 - Sep 2013**

* Setup and maintained Subversion (SVN) and Git repositories along with the creation of branches and tags.
* Defined branching and merging strategies for topic, bug-fix, release and integration branches.
* Worked on Automation of Build Process for Web Logic and JBOSS to show significant cost saving and
* Better utilization of team time and resources.
* Have strong experience in Unix Kourne Shell scripting for building complex software systems.
* Developed and maintained Perl/Shell scripts for build and release tasks.
* Wrote Perl scripts to upload and download artifacts from FTP servers and archive builds.
* Wrote Perl scripts to utilize database for storing and managing properties file for various applications and deployment environments.
* Worked within the One Ops Cloud environment for integration & Deployment stages.
* Monitored and collected different application metrics and server metrics using AppDynamics.
* Setup incremental and full backups of Subversion (SVN) and Git repositories using tools such as sync, Subversion (SVN) dump etc. and scheduled using Kourne.
* Developed advanced JIRA workflows and permission scheme, notification schemes, Screen scheme.
* Accomplished tasks of working with client SCM team and work with the migration of existing code repository from Clear Case multisite to TFS.
* Wrote and modified MS build targets to publish to daily build location managed MS Build scripts for .Net builds.
* Implemented Docker based Continues Integration and Deployment framework.
* Worked on installation of Docker using Docker toolbox.
* Experienced in using Jenkins CI tool and AnthillPro to build packages from Subversion (SVN) tags and then deploying the uploaded packages from the Web Logic Repository to the QA and then to the Production environments.
* Member of team that developed Web Applications with Python & Oracle, MySQL Developed
* back­end applications with Python, connecting with Oracle
* Internal projects.
* Implemented AWS High-Availability, Fault Tolerance, Scalability, Database Concepts, System and software architecture, Security, IT Infrastructure, Virtualization, and Internet technologies and interoperability
* Develop system management, monitoring and operations strategy for virtualization and servers to maximize uptime and meet agreed upon SLAs.
* Worked on creating the Docker containers and Docker consoles for managing the application life cycle.
* Migrated legacy projects from manual deployments to fully automated releases via Team City.
* Investigated and reported on various tool solutions including Continuous, Perforce, and Clear Case.
* Managed continuous integration CI environment using Team City.
* Develop custom app configurations within Splunk in order to Parse, Index multiple types of log format across all application environment setup Splunk Forwarders for new application levels brought into environment.
* Used Maven as a build tool for building and distributing a particular artifact.
* Built and administered server cluster and dynamic content application with capacity to handle 250 requests per second and serves five gigabytes of traffic daily on Linux machines.
* Automated build and release process and defined CM policies for projects ranging from J2EE applications, .NET to Android/iOS mobile applications.
* Optimized usage of Atlassian JIRA for integration with version control system, CI, build automation and code review tools.
* Responsible to interface with Engineers and Operations to establish and maintain the software development structure using Jenkins Continuous/CM tools on UNIX.
* Responsible for maintaining and extending all build scripts and related tools, written in Jython, python, Ruby, and Perl.
* Utilize the Perforce command interface to automatically pull source code for builds from Linux.
* Experienced in installing, managing TFS Branching and Merging, artifacts configuring, migrating and applying patches of TFS 2008 and 2010.
* Expertise in converting P2V and V2V migrations using VMware Converter and Plate Spin in a large environments and knowledge in creating Host profiles and applying them.
* Managed Windows 2008 Active Directory, VMware Active directory Exchange Domain Administration and Microsoft Exchange 2007-2013.
* Setting up TFS for PowerBuilder projects as well as helping them run.
* Created and configure jobs, script builder, custom command builder, agents in Bamboo
* Migrating Java and Oracle code and related CM processes into TFS ALM.
* Wrote triggers in scripts for handling and automating build and release activities.
* Defined application servers on Web Logic Server, created nodes and horizontal created clusters, configured Oracle JDBC provider to provide connectivity via data source to the application.
* Maintenance of continuous integration based on Maven and Hudson.
* Perl data references and data structures.
* Created ANT and Maven POMs to automate the build process for the new projects and
* Implemented Continuous Integration and Continuous deployment (CI CD) using various CI Tools like Jenkins, Hudson, Bamboo, and So NANT type Nexus.
* Troubleshooted to resolve problems in an existing JIRA installation and implement all approved changes.
* Created pre/post commit hook scripts for Subversion (SVN) and pre/post receive hook scripts for Git to enforce various CM Policies.
* Demonstrated expertise with data extract and query tools (SQL/Oracle).
* Demonstrated expertise with source code control environments CVS and Clear Case.
* Expertise building and monitoring software projects continuously with a CI tool, Bamboo, Hudson, Cruise Control, Build Forge, Visual Build Professional.
* Experience with defining and creating usable and customer friendly, intuitive interfaces to the JIRA tool in a fast paced evolving environment.
* Wrote PowerShell scripts for user management
* Maintained backups and restore activities for Subversion (SVN), Jenkins.
* Created Bus members, provided configurations for messaging queue in Web Logic.
* Supported and developed tools for integration, automated testing and release management.   
  Environment: Subversion, CVS, Java/J2EE, MAVEN, Jenkins, Puppet, Tomcat, JIRA, LINUX, XML, Perl Scripts, Shell Scripts.

**Technologies:Subversion (SVN), Git, Clear Case , Clear Quest,PERFORCE, Apache ANT, Maven, XML, Perl Script, Shell scripting, PowerShell, Jython , Visual Build Pro, Team city, Build Forge, ruby, Oracle,.NET,MS Build, NANT, VS, JBoss, Bamboo ,Web Sphere , JBoss , HP Quality Center, Docker, Cruise Control, Jira ,Hudson, SharePoint, Tomcat, Seagate Crystal Reports.**

**AutoNation, Fort Lauderdale, Florida DevOps Engineer**

**Aug 2009 – May 2011**

* Prepared Documents and Trained developers on creating views, viewing configuration spec, creating streams, creation of VOB elements, and element types, using Clear Case explorer, Clear Case project explorer, windows explorer, and Merge Manager .
* Ability to lead and provide technical assistance during major JIRA and Confluence upgrades.
* Developed, maintained and enhanced build and release management scripts in Ant and Maven2 for J2EE.
* Clear Case Administration by managing VOBs, views, access control, scheduling tasks, pools, created Triggers and Managing other Metadata types and created scripts needed for backup and reconfiguring the Clear Case restored data.
* tasks that are more susceptible to errors and risks using PERL, Ant and Maven, Shell scripting and
* Batch scripts.
* Written JACL, Ant Scripts for Automating ear deployments and configuration of Web Sphere server.
* Providing Version Control with Subversion (SVN) and Automated Build & Deployments with Jenkins.
* Experience with My SQL, Linux/Unix, Windows NT, and Java/J2EE, WAS, MS-IIS, Flash, Install Shields/Creating Linux RPMs.
* Integrated Build dependencies and dependency blocking strategy in Bamboo
* Edited Maven mirror settings in m2/settings.xml to configure Maven to have Nexus as a repository.
* Knowledge in J2EE/.NET build/packaging, good communication skill, experience of working between offshore/onshore. Integrated Build dependencies and dependency blocking strategy in Bamboo.
* Implemented continuous integration with Cruise Control .NET.
* Worked in integrating TFS with Visual Studio 2005 & 2008
* Wrote PowerShell scripts to streamline routine procedures for the Network Operations.
* Perforce administration, project and end user support.
* Creating File Systems and User Accounts by setting up File and Print servers and creating boot and root file system Backups on UNIX workstations.
* Created and managed of all source code repositories, management security model, backup / restore of the source code repositories, and upgrading the version control system.
* Created and configure jobs, script builder, custom command builder, agents in Bamboo
* Implemented Jira with Maven2 release plugin for tracking bugs and defects Fitness, Atlassian JIRA.
* Wrote shell scripts to handle server processing Migrating applications from .Net to Python
* Monitoring applications/servers performance with spunk, Jenkins, etc.
* Created Application Server, nodes at a cell level, created clusters, defined Data Sources for Database connectivity, Created Bus members, and defined Activation Specs to provide configurations for messaging queue in Web Sphere.

**Technologies:**CVS, Subversion (SVN), TFS, Git Clear Case (SCM, UCM), PowerShell Apache ANT, Maven, PERFORCE, Perl, MS Build, NANT, python, Perl Script, Kourne, Shell scripting, Bamboo, shell, java, Web Sphere, Nexus.

**REFERENCE:** *Available upon request*.