

 **Dev Ops Engineer**

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**Professional summary:**

* Around **6 years** of experience as a DevOps Engineer to Maintain Build Automation, Servers Maintenance, VCS Admin, Tools upgrade, Stack Upgrade and Deploy Procedure.
* Acted as **Scrum Master**, **Product Owner** for Deliverables and **JIRA Admin** for Creating Epics, Stories and Sub-tasks for Deliverables owned by me.
* Process with various environments like build, integration, deploy and release.
* As a Devops Engineer worked on **Azure Cloud, Google Cloud and AWS**.
* Acted as **System Admin** for Servers in LLE for Dev, QA, PT and Build Servers
* Hands on experience in build and release management using **Maven, git, Azure Devops, Bamboo** and **Jenkins**.
* Experience in Build Infrastructure as Code Through **Terraform** and **CF**.
* Experience on virtualization **(VMware).**
* Built **Python** applications from Scratch.
* Experience on Developing Infrastructure Pipelines using **Terraform.**
* **Build Tool Migration** from CruiseControl to Jenkins for CI and Created 400+ Pipelines and written groovy script in Jenkinsfile from scratch.
* **Migrated** Windows 2008/2012 Servers to 2016 Windows Servers.
* **Converted** JAVA Applications from ANT to MAVEN and ANT to GRADLE.
* **Migrated** Source code from SVN to Gitlab and TFS to BitBucket.
* Maintaining Source code management using with **Git, SVN.**
* Managing version control system using **GitLab**, **Github, BitBucket**.
* Good experience on Load balancer **Nginx**.
* Deploying Java based applications using configuration management tool **Chef.**
* Experience with **Azure Dev Ops,** building pipelines and Scheduling release to GCP.
* Good experience and administrate the continuous integration tool like **Jenkins, Bamboo, Azure DevOps, Gitlab CI.**
* Expertise on installation and configuration of **continuous integration** tool **Jenkins** and Implemented **master slave concept** in **Jenkins.**
* Experiences withMicro services like **Docker Swarm, Kubernetes.**
* Automationfor infrastructure using with **Ansible**.
* Having experience on Configuration management tools like **Ansible**, **Chef**.
* Integrated **Bitbucket** with **Bamboo** for applications CI.
* Integrated **UnitTest** in the continous Delivery procedure.
* Launching and configuring of **Amazon EC2 (AWS) Cloud Servers** using **AMI**'s (Linux/Centos) and configuring the servers for specified applications.
* Experience on **AWS** Services **S3 storage**, **Elastic Load Balances (ELB), IAM, VPC, CloudWatch, EBS, Glacier, Amazon WorkSpace, Auto Scaling.**
* Having good experience on **Docker.**
* Configuring the docker containers and creating **Docker** files for different environments.
* Good exposure with scripting languages like **Ruby, Shell, Python, Groovy, Yaml**.
* Have good working experience on **Linux, Windows** platform.
* Work with development teams and testing team to establish a build schedule, execute the builds and troubleshoot build failures, if any.
* Managed environments **DEV**, **QA** and **UAT** for various releases and designed instance.
* Build, deliver and maintain required testing environments.
* Customer focused, organized, detail oriented with the ability to meet deadlines.
* Experience with **AWS IAM** for Security purposes.
* Worked on **Sonarqube** for code quality analysis and to check code vulnerabilities.
* Experience on Artifactory management tools like **Jfrog, Nexus.**
* Managed servers on the Amazon web services (AWS) platform instances using Ansible, chef configuration management
* Used to configure monitoring tools like **Splunk, Cloudwatch and Netdata**.
* Configured and maintained Jenkins to implement the CI/CD process and integrated the tool with **Maven** to schedule the builds and automated the deployment on the application servers using the “code deploy" plug-in for Jenkins.
* Experience with ticketing tools like **Jira** and **Servicenow**.

**Educational Qualifications:**

Master in Information & Computer Science from NYIT in 2018

Bachelors in Electrical Electronics Engineering from VTU, India. in 2013

**Client: Bank Of America Nov 2019 to Present**

**Designation: DevOps Lead / System-Network -V Engineer**

**Location : Jacksonville, FL**

**Roles & Responsibilities:**

* Working as DevOps Lead to Support Project in Builds, LLE Server Maintenance, Migration of Version Control System, Nuget, SonarQube and Jenkins.
* Migrated Around 32 Servers from Windows 2008, 2012 to 2016 Windows Servers in LLE for Dev, QA, PT and Build Servers.
* Developed Infrastructure pipelines using Terraform.
* Acts as a Scrum Master for Daily Kanban Meetings and PRODUCT OWNER for CI/CD Deliverables.
* Created JIRA Board for KANBAN Team, and created Epics, Stories and Sub-tasks for Team Members to work on Deliverables owned by me.
* Moderate and contribute to the support forums (specific to Azure Networking, Azure Virtual Machines, Azure Active Directory, Azure Storage) for Microsoft Developers Network including Partners and MVPs.
* Created Pipelines in Jenkins to Support CI and Written Jenkinsfile to Support JAVA, .NET, .NET SDK, VB6, Python and Angular to Build on Specific Slave Jenkins Server.
* Experience with Virtualization technologies like installing, configuring, VMware vSphere. Creation, management, administration and maintenance of virtual servers and clients.
* Install and Setup of Oracle 11g, 12c and 19c clients in LLE and ODBC configuration.
* Written Powershell script to Stop, Restart and Start Services and Servers. Prompting a Message to Log off for a user before Server Shutdown or Restart.
* Migrated Current Builds in CruiseControl to Builds in Jenkins.
* Done CD through Ansible.
* Acting as LLE Environment Admin to give access to users , Service accounts and Groups to work on Specific Server, Specific Build, Specific Repository..etc
* Working as System Admin for LLE Batch, IIS and Citrix Servers for DEV, QA , Build Server and PT environments.
* Migrated Source Code from TFS to Bitbucket.
* Acting as Bitbucket Admin for Merging, Branching and Permissions setup for Users.
* Integrated Bitbucket with Jenkins, Sonarqube and Nuget for CI Process.
* Building .Net SDK, JAVA and VB6 in Jenkins through Jenkins slave Agent.
* Migrated .net Frameworks, SDK and JAVA components from ANT to MAVEN in the overall Migration Process.
* Integrated All Servers to Splunk Dashboard for error logging performance and to make Debugging Easy.
* Worked on Creating more APP Pools and writing Redirect rules to reduce Load on single APP Pool in IIS Server.

**Tools & Technologies**: BitBucket, TFS, JIRA, Jenkins, Ansible, CruiseControl, SonarQube, Nuget, Splunk, APPD, ANT, MAVEN, .Net SDK, 2017/2019 Build Tools, Powershell, Groovy.

**Client: Fedex July 2019 to Nov 2019**

**Designation: DevOps Engineer**

**Location : Lakeland, FL**

**Roles & Responsibilities:**

* Working With ANT, MAVEN and GRADLE Projects. Converting ANT to MAVEN and ANT to GRADLE.
* Using NEXUSIQ for artifacts management and JENKINS for onboarding an application.
* I have used Sonarqube for Code Quality Analysis.
* Using Fortify Analysis for Application Security purpose.
* Migrating Source code from SVN to Gitlab.
* Integrated SVN and Gitlab to Jenkins for Creating Pipeline.
* Built some applications on Bamboo for CI.
* Created Pipelines in Jenkins for Source Checkout, PreBuild, Build, SonarQube Analysis, Junit, JaCoCo, Findbugs, PMD, NexusIQ, QualityGate, NexusUpload, Deploy, Trigger Builds, and for Fortify Analysis.
* Worked in Enterprise Monitoring Intelligence platform to develop and support different internal and vendor-based monitoring platforms using CI/CD practices, Java, Python languages and AWS, Azure cloud solutions.
* Integrated Sonarqube in Jenkins, Enabled Fortify, and written groovy script for Jenkins.file
* Deployments are done by UCDeploy.
* Working on JAVA application and including UNIT Test.
* Written complete POM.XML from scratch in Maven Build Applications.
* Configured Jenkins.file with all enhancements such as, NexusIQ, Fortify etc
* Educated offshore teams on Deployments and on Onboarding an Application.

**Tools & Technologies** :Gitlab, SVN, Jenkins, Bamboo, Ansible, Groovy, ANT, MAVEN, GRADLE, JAVA, Junit, SonarQube, Unit test, Fortify Analysis, NexusIQ, UCDeploy, JaCoCo, Jira.

**Client: Caspex Corp Oct 2018 to June 2019**

**Designation: DevOps Engineer**

**Location : Fremont, CA**

**Roles & Responsibilities:**

* Creating automated build plan and deploy plan using Continuous Integration tools Jenkins and Azure Devops.
* Used Python scripting to configure ansible.
* Worked mostly with GCP compute Engine.
* Installation and configuration of Git, merging code from develop branch to master branch and make it ready for deployment.
* Responsible for Release activities and Roll-back if required.
* Maintain server loads across all environments.
* Deployed Multiple applications through Ansible.
* Maintain baseline code in repository and responsible for branching, merging and tagging.
* Prepared Build Report for each and every build.
* Worked with AWS IAM
* Used Terraform to Build Infrastructure.
* Maintained pods and load with kubernetes minikube.
* Actively participated in Scrum meetings.
* Release automated from Azure Devops to GCP cloud servers.
* Integrated Jenkins with Sonarqube for code quality analysis
* worked on unit test to include in CD for better test analysis.
* Worked with nginx for load balancing.
* Worked with container Orchestration such as Docker swarm for 1 project and Kubernetes for other.
* Launched many instances in AWS and GCP.
* Worked with React and Node.js Environment.
* Supported application development on UNIX and Windows server.
* Responsible for Pre and Post production Steps.
* Working on Configuration of Continuous Integration Tools Jenkins and Bamboo..
* Performed code merges on a regular frequency to integrate the source code from various branches.
* Used Jira as Ticketing Tracking tool.

**Tools**: Git, Github, Maven, Jenkins, GCP Cloud, AWS, Ansible, Nginx, Terraform, Sonarqube, Apache web server, Nexus, Python, kubernetes, Bamboo, Docker, Unit Test, Shell Script, Jira, .

**Client: BNY MELLON Aug-2017 to Sep 2018**

**Designation: DevOps/AWS cloud Engineer**

**Location : Manhattan, New york.**

**Roles & Responsibilities:**

* Managed source code repository, build, and release configurations, processes, and tools to support daily development, test, and production build and software deployment operations.
* Maintained Maven environment by setting up local, remote and central repositories with specified configuration in maven configuration files.
* Have worked with Python scripting and Bash scripting to create pipelines.
* Creating new jobs in Jenkins and managing the build related issues.
* Coordinating with the Development team to fix the Build related issues.
* Creating various POC’s of CI/CD pipelines by integrating source controls tools GIT, Github, Build tools like Ant and Maven, CI tool like jenkins and deployment automation tool like Ansible
* Designed, configured and deployed Amazon Web Services (AWS) for a multitude of applications using the AWS stack (EC2, S3, RDS, Cloud Watch, SQS, IAM), focusing on high-availability, fault tolerance, and auto-scaling
* Accomplished and maintained the monitoring and alerting of production and corporate servers/storage using Cloud Watch.
* Build artifacts with Nexus
* Transformed projects successfully from Docker to Kubernetes environment to handle Docker containers through minikube .
* Extensive experience using MAVEN as build tools for the building of deployable artifacts (jar, war &amp; ear) from source code.
* worked on Ansible as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manage changes and Written chef recipes to perform middleware binary Installation and Configuration tasks involving JDK, Tomcat binaries installation.
* structured and maintained assigned virtual servers. Monitored server traffic through Nagios. Administered web servers on Apache and Nginx.
* Installed and configured Nagios monitoring tool, while using it for monitoring network services and host resources.

**Tools:** Git, Jenkins, Bitbucket, Maven, Shell Script, Angular, Nodejs, Nexus, Jira, Sonarqube, Ansible, Docker, Docker Swarm, AWS, kubernetes, Cloudwatch, Nagios, MYSQL.

**Client: Sagarsoft Solutions NOV -2013 to Aug 2015**

**Designation: DevOps/Junior Build and Release Engineer**

**Location: Hyderabad, India**

**Roles & Responsibilities:**

* Performed a detailed analysis of the current deployment of SVN to migrate to Git and to propose sensible design of new Git repositories. This includes an analysis of the current directory layout and content to propose a new directory structure suitable to Git
* Detailed analysis of the current code submission process (branching model, access control, etc.) to propose an optimal submission process when working in the new Git environment
* Performed a detailed analysis of the current build tools (Jenkins) used in conjunction with SVN to recreate the build process in the new Git environment
* Deep analysis of existing tools that are integrated/used with SVN (defect tracking (Bugzilla), Continuous Integration (Jenkins)), reviewing the feature set
* Performed a detailed analysis of the capability of the current Git repositories and artifacts for potential improvement in features, capability, and cost efficiency
* Provided a detailed project management plan (scope, schedule, cost, quality, communications, training, and risk management) for the implementation of the migration
* Creating and executing a data migration plan and performing the migration, including creation of a schedule and timeline to complete the migration
* Setting up your CI schemes to automatically detect, test, and merge new branches. Control the order in which builds are executed and trigger releases by clean tests. While parallel tests are running, anyone on the team can see build results from the issue’s details
* Build management through Jenkins and an internally developed tool for packaging
* Jenkins build tool and an expertise in scripting build applications. Automated build schedule using Crontab
* Integrated the final migrated solution with JIRA and other SCM tools

**Tools:** Jenkins, Ant, SVN, Git, Linux, JIRA, Fisheye, Portfolio, easyBI, Bugzilla, Perl, Git, Stash