**Amit Kaushik**

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**Objective**

**To obtain a DevOps Engineer position in which to use my past expertise to better the company and help it grow flexibility to adapt to any new environment and work on any project wish to utilize this experience in an organization as part of them.**

**Professional Experience**

* Around 4+ years of experience in **SCM build and release** for Web Based applications. In areas of software configuration management/build and deployments /application support /environment configuration (software) and maintenance /Release Configuration Management /DevOps
* Experience on **Git** and Knowledge on **SVN.**
* Proven experience on create Branching and Tagging concepts in Version Control tool like **SVN, GIT**
* Experience on building and deploying Java web applications in **Apache Tomcat**
* Handling all the releases such as Maintenance Release, Emergency Release and Launch of new projects
* Familiar with **Software Development Life Cycle** (SDLC) processes
* Well Exposed in Build and Release Systems for Web-Based software systems
* Responsible for Creating and maintaining builds and Administering Jenkins and Involved in Deployment
* Proven experience on **Service Now and BMC Remedy** ticketing tool
* Supporting the Git users in terms of all common Git end user operations such as Git clone, Git push, pull, fetch.
* Git client’s setup, initializing a Git repo, branching & merging, supporting all the Git end user operations.
* Comprehensive knowledge in using Ant and Maven scripts for all the build scripts to automate the Compilation, Deployment.
* Responsible for taking the source code and compiling using ANT and package it in its distributable format, such as a JAR, WAR.
* Jenkins/Hudson Continuous Integration Server – Installation, Configuration, Design and Administration, plus experience of extending and integrating these tools with other systems, platforms.
* Experience in configuring Jenkins/Hudson Jobs to building **Project Artifacts** and perform **nightly builds** and **milestone builds** and **on-demand builds& Distributed Builds** for the application.
* Performed continuous Build and Deployments to multiple Prod and Non Prod environments.
* Analyzing application logs in order to determine the possible cause of issues and reporting errors directly to the Dev team.
* Managed daily builds and releases to QA. Debugged build failures and worked with developers and QA people to resolve related issues.
* Helping testing team by making sure that all the back end jobs works effectively at the time of QA and UAT. Documenting all the configuration management processes in a prescribed format.
* Building Applications and services on cloud platforms
* Experience supporting a wide range of technologies including open-source, internally developed custom applications commercial and cloud in an efficient and automated manner
* Design and implement cloud based platform and service to customers
* Experience working with Ansible to manage servers and release software
* Experience with software build tools like Ant, Maven, continuous integration build systems jenkins and experience working with cloud platforms and deployment tools puppet
* Primary responsibility is to develop, provision and support pre-production environments.
* Experience with automation/configuration management using Ansible
* Working knowledge of Configuration Management tools (Ansible)

**Skill Set**

**Operating Systems :** Windows, Linux

**Continuous Integration** **:** Jenkins, Hudson

**Build Tool** **:** Ant, Maven, Gradle

**Version Control :** Subversion, GIT, BitBucket

**Application Servers** **:** Apache Tomcat

**Ticketing Tool** **:** BMC Remedy, Service Now

**Cloud Environment**  **:** AWS,Azure, GCP

**Configuration Tool :**Chef(Basic), Puppet (Basic), Ansible

**Virtualization**  : Docker, VMware

**[Orchestration](https://www.ansible.com/use-cases/orchestration)**[: Terraform](https://www.ansible.com/use-cases/orchestration)

**Education**

* **Masters of Technology in Signal Processing from Guru Gobind Singh Indraprastha University ; 77.18 CGPA**
* **Bachelors of Technology in Electronics and Communication from Guru Gobind Singh Indraprastha University ; 72.32 CGPA**
* **AISSE from CBSE, 81.20%**
* **SSC from CBSE, 91.60%**

**Work Experience**

1. **Company : IBM India Pvt. Ltd.**

**Role : DevOps Engineer**

**Duration : May 2015 – December 2018**

**Job Profile : DevOps.**

**#1:**

**Role :  Wintel Administrator (May 2015 to April 2016)**

**Description:**

* Working as a system administrator with experience in the field of Windows and VMWare (L1 Task)
* Expertise in Remote desktop, Hardware / Software Installation, Testing and Troubleshooting.
* Strong Communication, Interpersonal, Intuitive, Technical, Analytical, Problem solving and Leadership skills.
* hands in experience in ITIL process such as Incident, Change and Configuration Management.
* experience in ILO configuration, HP insight manager
* Monitoring the servers checking the different kind of hardware failures, disk space, unreachable, drive failure alerts and taking necessary action and monitoring the system health status.
* Good knowledge on HP server hardware failures and placing call with hardware vendors and replacing the failed hardware.
* Troubleshooting of server OS failures.
* Manual patching .
* Microsoft Cluster troubleshooting of server 2003, 2008 and 2012.
* Monitor system errors / event logs on servers and Maintaining the server’s 100% up time.
* Using Performance Monitoring and Network Monitoring tools.
* Windows 2003/2008/2012 operating system support in production environment.
* Creating and reverting snapshots.
* Migrating Virtual Machines – Cold, Suspended.
* Resizing the VM memory, CPU, HDD of system and application drives.
* Troubleshooting any reported problems, System performance tuning.
* Dealing and providing support on issues related to servicing and patch management
* Providing support on problems related to Windows Update
* Troubleshoot various No Boot and reboot loop scenarios
* Support various issues related to Licensing (KMS)
* Troubleshoot various issues related to 2012 and R2 Cluster.
* Analyze logs related to cluster, servicing and hyper-v.
* Deal with issues related to Cluster and Hyper-V

**#2:**

**Role : DevOps Engineer (May 2016 to December 2018)**

**Roles & Responsibilities:**

* To automate build process for the native Java environment, compiling the project source code, and packaging using the build script.
* Perform Build activities using Ant and Jenkins tool
* Handle multiple builds from development team, create build and perform deployment activities.
* Maintain Dev, QA, UAT & Production environments i.e. make sure they are always up and running.
* Setup and configuration of Jenkins CI tool for automated build & deployment process.
* Administration of Source code management tool-Git.
* Create branches, tags in Subversion and provide authorizations to Git Server.
* Preparing Implementation plans for production deployment & getting it reviewed by respective stake holders.
* Provide application support and responsible for all environments.
* Automating deployment scripts.
* Jenkins CI, Continuous and administration.
* Responsible for versioning and deliveries of the Products.
* Enhance the level of automation in build area
* Maintain track of different releases that are being carried over in different environments.

1. **Company : CXIO Technologies Pvt. Ltd.**

**Role : DevOps Engineer**

**Duration : Dec 2018 – July 2019**

**Job Profile : DevOpsBuild& Release Management, Automation.**

**Role :  DevOps Engineer (Dec 2018 to July 2019)**

**Description:**

* In-depth knowledge of DevOps, Jenkins admin.
* Comprehensive knowledge in using Ant and Maven scripts for all the build scripts to automate the Compilation, Deployment.
* Jenkins/Hudson Continuous Integration Server – Installation, Configuration, Design and Administration, plus experience of extending and integrating these tools with other systems, platforms.
* Sound knowledge in writing shell scripts to perform deployment of Java Build files and automating manual tasks as well as using ansible.
* Scripting in multiple languages on LINUX and Windows –Batch, Shell.
* Handling all the releases such as maintenance release, emergency release, patch deployments, and launch of new projects.
* Creating and providing architecture for CI-CD deployments for new and existing customers.
* Analyzing application logs in order to determine the possible cause of issues and reporting errors directly to the Dev team.
* Performed continuous Build and Deployments to multiple Prod and Non Prod environments.
* Managed daily builds and releases to QA. Debugged build failures and worked with developers and QA people to resolve related issues.
* Documenting all the configuration management processes in a prescribed format.
* Well exposed in build and release systems for web-based software systems.
* Proficient in communicating effectively with good project management skills.
* Worked on Enterprise applications and maintaining high end infrastructure.
* Creating optimal environments to improve productivity and quality of software development teams using Sonarqube.
* Familiar with Software Development Life Cycle (SDLC) processes.
* Worked on Jira integration with jenkins.
* Provide necessary information, observations, logs & all required support to L2/L3 team to diagnose a reported escalated problem.
* Worked on Jenkins slaves installation, applications , components and Resources installation and troubleshooting the issues.
* Build jenkins workflows for deployment automation of JAVA and applications.
* Support jenkins security roles and application access.
* Involved in Migrating Jenkins to latest version.
* Automation of azure VM deployments using terraform.
* Creation of Infra for deployment of application using Kubernetes in single node cluster for one of the client.

**3. Company** **:** Infosys

**Role** **:** Senior DevOps**Engineer**

**Duration** **:** July **2019–tilldate**

**JobProfile** **:** **DevOps, Build&Release Management, Automation**

**Description**

* Writing the scripts to automate the creation of tags and branches in **SCM (GIT)** environment.
* Automation of build and deployment process by configuring jobs in **Jenkins** for each application.
* Enhanced build infrastructure by adding more automation to build scripts.
* Automated the bundling process and reduced all the manual intervention needed and merged that to the Jenkins job.
* Automated builds using **Jenkins**.
* Identify, troubleshoot and resolve issues related to build and deploy process.
* Inform through mail the compilation errors to the responsible team with error logs using JIRA.
* Responsible for creation and release of software builds.
* Handling daily and continuous builds and maintaining /keeping track of build and process followed for deployment.
* Preparing the build statistics and produce to the management team.

**Core Competencies**

* Software Configuration Management
* Build and Deployment, Release Engineering Support, Devops,
* Automation, CI Setup and Configurations
* Jenkins Administration

***(Amit Kaushik)***