**Adnan Mohammad**

**Email id: adnanitdev@gmail.com**

**Ph#: +1 226-336-9060**

**Professional Summary:**

* With over **5+** **years** of strong experience as **Build/Release/DevOps Engineer**.
* Worked with SCM Tools **GIT**, **Subversion and TFS**.
* Proficient at **automating the release process** of products and build process using **Devops** Tools
* Maintained over **100+** jobs in **Jenkins**, which were configured, to run nightly and **parameterized builds** from 8 different Application teams for over 6-8 releases in parallel.
* Configure and customize monitor tools, alarms and notifications in support of global, 24 x 7 production environments.
* Technological forte is **Ansible, AWS, Bash, Python** and **middleware administration**.
* Experience with **Azure** instances spanning across Dev, Test and Pre-production and Cloud Automation through Open Source DevOps tools like **Ansible, Jenkins, Docker & Kubernetes**.
* Experience in using **Chef attributes, Chef templates, Chef recipes** and used **knife** commands for managing the configurations across various nodes using **RUBY.**
* Automated configuration management and deployments using **Ansible playbooks** and **YAML**.
* Expertise in using **Ansible** to manage Web Applications, Config Files, Data Base, Commands, Users Mount Points, and Packages. **Ansible** to assist in building automation purposes.
* Experience in artifact management using **Nexus** and integrate with **Maven** and **Jenkins** server.
* Experience on working with build automation tools like **Jenkins, Maven, ANT and Bamboo.**
* Knowledge in various **Docker** components like **Docker Engine, Hub, Machine, Compose** and **Docker Registry.**
* Strong expertise in **Source Code Management** right from planning, installation, configuration, facilitating a good SCM environment with a very well defined SCM process.
* Hands on experience in several key services of **AWS** such as **EC2, S3, IAM, VPC**, **cloud watch** and **cloud formation templates**.
* Experience in creating VPC, security groups setting up inbound and outbound rules for nodes based on their roles (web vs app vs build server etc..) and auto scaling of EC2 instances
* Experience with monitoring and logging tools like **App Dynamic and Splunk** for monitoring network services and host resources.
* Experience in various Intake/defect tracking tools – **JIRA, Rally, ServiceNow**.
* Worked with project managers, architects and development team leads to understand and document SCM requirements.
* Adapt to new, evolving technologies and implement them in current projects.
* Ability to handle multiple projects simultaneously.
* Efficient in working as an individual and just as outstanding as a team player.
* Good interpersonal skills, quick learning, and problem resolving skills as per business needs.
* Excellent communication, interpersonal, intuitive, and analytical and leadership skills with ability to work efficiently in both independent and team work environment.

**Technical Skills:**

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| **Build & Release Management** | ANT, Maven and NPM |
| **Source/Version Control Systems** | GIT, Bit Bucket, Perforce |
| **DevOps Tools** | Ansible, Docker, VMware, Kubernetes, Splunk, Nexus, Terraform, AWS, Azure |
| **Continuous Integration Tools** | Jenkins, Cruise Control, Bamboo |
| **Programming/Scripting** | Shell, Python, Ruby, Java, HTML, XML, (Can adapt any other programming very quickly) |
| **Web/Application Servers** | Tomcat, Apache, CMS, Hybris, Web Logic |
| **QA & Code Quality Analysis** | JUnit, Cobertura, Sonar, CheckStyle, Sanity, Smoke and Regression test automation |
| **Operating System** | Linux/Unix, Solaris, Windows |

**Professional Experience:**

**Client: Coastal Community Credit Union, Nanaimo, BC. Sep 2020 – Till Date**

**Role: DevOps Engineer**

**Responsibilities:**

* Analyze and Review the requirements, Identified process improvement and automation opportunities within the release process to continuously improve the overall product quality.
* Implemented and managed release processes for code through development, test and production environments
* Designed and implemented multiple deployment strategies using **CI/CD** Pipeline through automation with enterprise **GitHub, Jenkins, Sonar Nexus, Docker** and **AWS AMI's** in **Linux** environment.
* Worked with many different concepts of **Chef** like Roles, Environments, Data Bags, Knife and **Chef Server** Admin/Organizations.
* Scripted **Chef Cookbooks** for various DB configurations to modularize and optimize product configuration, altering production support scripts to **Chef Recipes** and **AWS server** provisioning using **Chef Recipes.**
* Involved in designing and deploying various applications utilizing almost the entire **AWS stack** **(EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM**) focusing on high-availability, fault tolerance, and auto-scaling.
* Used **Terraform** Plan to meticulously detect and analyze the changes that will be inflicted after **Terraform Apply.**
* Extensively used **Ansible** Configuration management to deploy packages with the required build artifacts from Artifactory and facilitate a stable and scalable build and deploy infrastructure.
* Used **Terraform** to automate provisioning of infrastructure and applications on **Azure for DevOps** environment.
* Responsible for writing **Bash, Shell, Perl, Python scripts** to ping servers and adding users to the boxes and proficient in scripting languages to automate daily activities.
* Viewing the selected issues of web interface using **SonarQube.**
* Developed **Gradle and Maven** scripts to automate the compilation, deployment and testing of Web and J2EE applications.
* Built end to end **CI/CD** Pipelines in **Jenkins** to retrieve code, compile applications, perform tests and push build artifacts to **Nexus using Nexus** artifactory plugin.
* Set up the build and deployment automation for **Java base** project by using **JENKINS** and **Maven.**
* Integrated **Docker container** orchestration framework with **Kubernetes** by creating pods, config Maps, deployments, Replica sets, nodes etc.
* Deployed multiple databases and applications using **Kubernetes cluster** management, some of the services are **Redis, Nginx etc** and maintained **Kubernetes** to manage Containerized applications.
* Integrated **Jenkins** with various **DevOps tools** such as **Nexus, SonarQube** and used **CI/CD** system of Jenkins on **Kubernetes container** environment, utilizing **Kubernetes and Docker** for the runtime environment for the **CI/CD** system to build and test and deploy.
* Implemented & maintained the branching and build/release strategies utilizing **BITBUCKET.**
* Working on **GIT** for data integrity and managed central repositories: Implemented **Atlassian Stash** along with **GIT** to host **GIT** central repositories for source code across products, facilitate code reviews and login audits for Security Compliance.
* Used **AGILE** method to develop a build and **MAVEN** as a build tool.
* Actively participant in scrum meetings, reporting the progress and maintain good communication with each team member and mangers.

**Tools & Technologies:** Java/J2EE, Python, Ansible, Chef, Docker, Kubernetes, SonarQube, Nexus, Nagios, CI/CD, Jenkins, Ant, Maven, Gradle, Terraform, AWS, Web GUI, SQL, Agile, Azure, JavaScript, Bash, GIT, Bitbucket, LINUX, UNIX.

**Client: Canadian Western Bank, Vancouver, BC. Jun 2020 – Aug 2020**

**Role: Devops Engineer**

**Responsibilities:**

* As part of **DevOps,** my role includes Environment Management, deployments, Continuous integration, continuous deployment, Incident management, version management.
* Used Jenkins innovatively to automate most of the build related tasks. Improved throughput and efficiency of build system by providing rights to trigger Dev teams required build.
* Integrate Unit Testing, Code Coverage and Deployment tools with **Jenkins and Maven.**
* Responsible for Automating **Java Builds with Maven**. Implemented multiple plugins for Code analysis, **Junit,** Code coverage, **SonarQube,** etc.
* Gathering Information from the Clients and providing consultation by performing POC and setup the Build/Deployment and Release Management.
* Handling complete Build and Release process including code, documentation and supporting testing team along with the server Administration.
* Developed a system for daily integration and consolidation of code, for performing automatic deployment; including running automated tests and sending a daily reports.
* Worked as a system administrator for the build and deployments process on the enterprise server.
* Implemented CI/CD pipeline using **Jenkins, GIT, Maven, Artifactory, Ansible, and AWS.**
* Software Configuration Management Support with Branching and Merging strategies, Version Control Systems, Integration Management, Build/Release Management and Requirement Management.
* Documented project's software release management procedures with input decisions.

**Tools & Technologies:** DevOps, Jenkins, SonarQube, Maven, GIT, Artifactory, CI/CD, Ansible, AWS, Linux and Windows.

**Client: MD Financials, Ottawa, ON. Nov 2017 – May 2020**

**Role: DevOps Engineer,**

**Responsibilities:**

* Maintain and improve automation in support of self-service **DevOps** pipelines for both backend and frontend development teams
* Respond to trouble tickets and support requests from over 2 dozen teams
* Conduct software deployment, configuration, and management activities for 75+ application stacks
* Execute production release activities for two critical production application groups and ancillary microservices
* Document and report on support requests, environment troubleshooting efforts, and maintain communication with stakeholders in multiple departments
* Implemented Continuous integration and Continuous Delivery process using Git/SVN, Jenkins, Maven, and **Ansible.**
* Written deployment scripts in **Shell and Ruby.**
* Automate Build and Deployments on apache and CQ5 servers using Jenkins and ansible.
* Implemented Continuous integration and Continuous Delivery process using **Git/SVN, Jenkins, Maven, and Ansible.**
* Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
* Written deployment scripts in **Shell** and **Ruby.**
* Written **Ansible Playbooks** to install required packages on cloud machines.
* Worked on Build and Release process for various servers like **AEM and Apache**
* Written **Ansible** playbooks and ruby scripts to automate stop, start, restart, deleting bundles, and deploy packages in CQ5 server.
* Created various branches in GIT, Merged from development branch to release branch, created tags for releases.
* Setup pre-commit hooks to remove checkin access to developers in 'tags' folder.
* Rolled back **buggy code** from production release.
* Creation of RPM packages required for deployment into **DEV, QA, REG and Production environments.**
* Installation of RPM packages into various Testing environments.
* Created **Jenkins** jobs for continuously building the projects. Scheduled jobs to build upon every checkin into subversion.
* Setup **shell script** in **Jenkins** jobs to do pre and post build operations.
* Setup automated email notifications on build status for every **Jenkins** build.
* Installed **Jenkins** agents on client machines and installed all the packages required for doing the builds, for e.g.: **Java, Maven etc.**
* Created **Maven** POM files to build the Java projects based on their project structure.
* Launched **Docker** containers and used them as **Jenkins** agents for regular builds.
* Staged all the packages on shared server for SIT, pre-production and production environments.

**Tools & Technologies:** Ansible, Ruby, Shell, Jenkins, Maven, Docker, Java, GIT, SVN, Windows and LINUX.

**Client: Silver Creek Software Ltd., Edmonton, AB. Jul 2016 – Oct 2017**

**Role: Build/Release/ DevOps Engineer**

**Responsibilities:**

* Automated the Build and Release management process including monitoring changes between releases.
* Installed/Configured/Managed **Jenkins CI** Automation.
* Configured Jenkins pipeline using **Jenkins** file groovy scripts.
* Configured elastic beanstalk application using cloud formation for PHP applications.
* Configured full stack using cloud formation templates like VPC and RDS for the POS(conventions project)
* Configured the full stalk for the New Pulse application in AWS using cloud formation templates.
* Configured **Jenkins** job to deploy elastic bean stalk applications.
* **Jenkins master** and slave module configuration using Ansible.
* Implemented **Ansible** modules for the entire environment ready ness.
* Implemented **Ansible** jobs to spin up the instances in on premises like equinox and Rackspace.
* Configured wrapper jobs for the Hybris ecommerce application deployment in windows machines.
* Installed/Configured and Managed **Nexus** Repository Manager and all the Repositories.
* Created various branches for each purpose, Merged from development to release branch, created tags for releases.
* Deployed web applications into different application servers using **Ansible** playbooks.
* Built & Deployed **Java/J2EE** to web application server in Agile continuous integration environment and automated
* Handled large complex software systems to isolate & reproduce defect, assess risk and deployment of customers
* Run **JMeter with Jenkins**, code coverage (Cobertura & Emma) and static code analysis using sonar.
* Worked with developers to launch a continuous integration system with **Jenkins, Maven** and **Artifactory,** including full Build and Release management.
* Executed user administration and maintenance tasks including creating users and groups, reports and queries.
* Configured Dashboard’s to display uptime of lower and Prod Environments.
* Worked between multiple **agile** projects with a worldwide, distributed team to manage releases, developer best practices and software distribution channels.
* Coordinate with Development, Database Administration, QA, & IT Operations to ensure no resource conflicts.
* Assisted Project Managers to understand code/configuration release scope and how to confirm a successful release
* Interacted with client teams to understand client deployment requests.

**Tools & Technologies:** Jenkins, Java, Nexus, Jmeter, Artifactory, Ansible, Windows and LINUX.

**References:** Will be provided upon request.