**Ajay Vattipally**

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Professional Summary

* Strong experience in Configuration Management, Build and Release Management, Automation and Tools administration for Web and Mobile Applications.
* Very good knowledge and experience with **Ansible, Maven, Gradle, ANT, MSBuild, Jenkins, Cruise Control, Anthillpro.**
* Plan, coordinate and lead **major**, **patch** and **emergency** production releases for multiple applications.
* Used various defect tracking and change management tools like **JIRA, Maximo and Confluence.**
* Played a key role in automating the deployments on **AWS** using **GitHub, Ansible, Jenkins, Docker and Kubernetes.**
* Extensively worked on **Jenkins** for configuring and maintaining continuous integration (CI) and for **End to End automation** for **Mobile** and **Web** applications.
* Experience in identifying areas of improvement and streamlining the build and release process.
* Hands-on experience in all stages of Software Development Life Cycle including proposal, process engineering, design, development, testing, deployment and support.
* Created automated build systems using scripts for doing builds and deployments to reduce and optimize build and deployment times.
* Given multiple training on **CI/CD** and build process to multiple project teams in a global distributed development environment.
* Coordinated different teams across the globe to deploy builds to different environments.
* Create new scripts or add new functionality as needed to ensure consistent & repeatable builds. Diagnose, correct build failures or identify & communicate with the responsible party to resolve the issues
* Ability to learn and adapt quickly to the emerging new technologies and paradigms.

# Technical Skills

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| **SCM Tools** |  | Git, Subversion, Gradle, Maven, MS Build, Nant, Jenkins, AnthillPro, Cruise Control, Ansible, Gitlab, Github, Xcode, JCasC |
| **Operating Systems** |  | Microsoft Windows Server, Linux, UNIX |
| **Scripting Languages** |  | Bash, Python |
| **Cloud/Virtualization** |  | AWS, VMware |
| **Infrastructure Automation** |  | Terraform |
| **Containers/Orchestration** |  | Docker, Kubernetes |
| **Tracking tools** |  | Jira, Confluence, Maximo |

**Educational Qualifications**

* Bachelors in Engineering and Technology from Jawaharlal Nehru Technological University, Hyderabad, A.P, India.
* Master Of Engineering from Lamar University, TX, USA.

# Professional Experience

**Abbott Diabetes Care Inc.**

**Title: Sr. Build & Release Engineer Duration: Dec 2022 - Feb 2024 Responsibilities:**

* Manage builds and deployments for multiple ADC releases.
* Identify areas of improvement in the existing CI/CD pipeline and work towards reducing the overall build time.
* Proactively seeks opportunities to implement improvements to internal development processes.
* Used AWS CLI to manage multiple AWS services.
* Maintain multiple code bases and resolve code merge conflicts
* Work with developers, QA to resolve build and deployment issues in a speedy manner.
* Introduced Static Code analysis to the existing build pipeline using SonarQube.
* Create and maintain documentation of the build/release process, server infrastructure and software tools.

**Adobe Inc.**

**Title: Sr. Build & Release Engineer Duration: Jan 2021 - Dec 2022 Responsibilities:**

* As a Build Engineer for Adobe AERO Augmented reality product developed CI/CD pipelines across platforms like Windows, Mac, iOS, and Android
* Updated the Jenkins pipeline scripts to do per-platform PR checks before merging to branches
* Maintaining the build systems with latest versions to streamline builds
* Stashing Jenkins logs to ElasticSearch for Dev to access
* Maximizing the performance and reliability of Jenkins to speed up the CI process
* Developed pipeline scripts to push the iOS/Android artifacts to TestFlight and App Center
* Install/upgrade Xcode on Mac servers for Jenkins builds
* Automate Code signing process for iOS and Android artifacts using custom in-house tools
* Configured gcloud CLI to run Android Instrumentation tests using Firebase test lab and Jenkins.
* Implemented Jenkins Configuration As Code **(JCasC)** by creating yaml files which create the entire jenkins environment (Global configuration, tools, credentials, security, users, jobs) from ground up.

**Tibco Software Inc.**

**Title: Build & Release Manager Duration: June 2016 - Dec 2019 Responsibilities:**

* Led a team of build and release engineers to set up CI/CD environments from scratch for multiple Tibco web applications using Git, Jenkins, Maven, Gradle, Vagrant, AWS, Ansible, Terraform, Docker, Kubernetes, Jira, Slack.
* Created self-service jobs in jenkins (pipeline jobs) which run the entire CI/CD pipeline workflow.
* Proactively seeks opportunities to implement improvements to internal development processes.
* Identify areas of improvement in the existing CI/CD pipeline and work towards reducing the overall build time.
* Plan, coordinate and lead major, patch and P1 production releases for reward (SaaS) application.
* Identify, improve and create processes and tools to add to developers productivity.
* Integrate new tools to the existing pipeline as per the development team needs.
* Develop and manage build packages and deployment scripts.
* Deploy code to pre-production and production environments.
* Configured build.gradle to generate Jacoco reports for unit tests.

**Tibco Software Inc.**

**Title: Sr. Build & Release Engineer Duration: Apr 2015 - Jun 2016 Responsibilities:**

* Played a major role in streamlining the build, deployment and release process.
* Investigation of build compilation failures within .NET and Java based code lines.
* Improve build and release processes through documentation and communication.
* Deployment of C# and Java code to Development, User Test and Production environments.
* Cruise Control and Distributed Jenkins based Continuous integration environment implementation, development and maintenance. Integrating existing software products and getting incompatible platforms to work together.
* Investigating new technologies.
* Continually updating technical knowledge and skills by attending in-house and/or external courses, reading manuals and accessing new applications.
* Automated deployments to QA, UAT and Production environments using Jenkins for .Net and Java applications.
* Setup Continuous Integration for Java and .Net applications.

**Hertz**

**Title: Release Engineer**

**Duration: Jan 2012 - Apr 2015 Responsibilities:**

* Planning for releases upfront and make sure there is zero downtime
* Work with PM to get the required details related to releases and keep our release web portal up to date.
* Updated the build and deployment scripts to backup the code package on the build and target server respectively.
* Coordinate with the developers and QA during code push to different environments.
* Troubleshoot production issues and executed Level 1 & 2 release activities
* Assisted developers, QA engineers, peers and technical owners
* Work with a cross-functional team to support each release project plan and post release/change review.
* Build code and deploy it to Staging and Production Centers via AnthillPro
* Automate deployments to all environments using Anthillpro.
* Built Linux and windows EC2 instances on AWS

**ING DIRECT (Capital One) Title: Build & Release Engineer**

**Duration: July 2009 – Jan 2012 Responsibilities:**

* AnthillPro administration, Subversion administration, AccuRev administration and Repository maintenance.
* Managing CI builds and deployments to Dev, QA and Production.
* Responsible for branching, merging, creating new subversion repositories, branches and tags.
* Automated .Net and Java deployments using AnthillPro to various environments using shell scripting.
* Support development teams with build and deployment failure issues.
* Maintained Dev/QA application environments to ensure all business rules, and compliance issues are well-managed and documented prior to pushing to production.
* Installed and configured maven on build machines and AnthillPro agents.
* Supported Architecture team in Migrating projects that were using Ant to Maven.
* Involved in designing and maintaining deployment scripts.
* Automated smoke test in QA using AnthillPro.
* Installed and maintained Artifactory to maintain internal and external dependencies.
* Played the role of a Scrum master in grooming and adding tasks to the stories for each sprint.