

My name is Subra, I am writing this document for my experience with Automation Test challenge task. This document consists of technologies used and Step by Step process in my Test challenge task.

#### Technologies Used:

1. Java
2. Maven
3. Android SDK
4. Nodejs
5. Appium
6. TestNG
7. Genymotion emulator
8. OS: Windows 10
9. IDE-Eclipse

#### Step by Step Process:

1. Download and Install latest version of Java and set Java path in the environment variables of windows machine
2. Download latest version of Maven and set the environment variable of Windows machine
3. Download android SDK and set the path in the environment variables for tools, platform, platform-tools
4. Install Nodejs
5. For installing Appium, I used NodeJS package manager (npm)
6. Download and Install Genymotion with Virtual Box and configure emulator
7. Install or Update Google play services in Emulator
8. Open Eclipse IDE and add Testng plugins
9. Create a Maven Project and add dependencies in POM.xml
10. Write the reusable methods and functional methods and tests

#### Import the existing Project :

1. Download the project from Git Hub
2. Create a workbench on Eclipse
3. File → Import → Select Maven on Import popup → Existing Maven projects → Click on next button → Select the Project root directory using browse button → Observe POM.xml is selected under projects → Click on Finish button → In order to resolve the build errors select the appropriate Java version

#### Running the Project:

1. Open the Emulator
2. Execute the TestNG.xml using TestNG suite