**List of Software required for CI CD Training**

**Pre-requisite: Application Development experience using Java**

**Duration: 3 days**

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| **Software name** | **ORACLE or NON-ORACLE product** | **Installable or Extractable or Deployable** | **How to install?** |
| JDK 1.8 | ORACLE | Installable | Double click the exe file, and the installer will guide you. |
| ORACLE DB version 11.x or 12.x | ORACLE | Installable | Double click the exe file, and the installer will guide you. |
| ORACLE ECLIPSE IDE for Java development (Oracle Enterprise Pack for Eclipse) | ORACLE | Extractable (.zip file) | Unzip this to d:\ drive or c:\drive  Example:  D:\oepe-12.2.1.8-oxygen-distro-win32-x86\_64 |
| Jenkins for Continuous Integration & Building | NON-ORACLE  (It comes in two flavors: installable and deployable (.war file)) | Deployable (.war file) | Copy this file “jenkins.war” to tomcat’s webapp folder  Example:  C:\apache-tomcat-8.5.37-windows-x86\apache-tomcat-8.5.37\webapps |
| Apache Tomcat Server | NON-ORACLE | Extractable (.zip file) | Unzip this to d: or c: drive.  Example:  C:\apache-tomcat-8.5.37-windows-x86\apache-tomcat-8.5.37 |
| GIT (CI Tool) – Version control system for repository management and code repository | NON-ORACLE | Executable | Double click “Git-2.9.2-64-bit.exe” and install it. The installer will guide you |
| Apache MAVEN (for dependency management & build management) – writing build scripts | NON-ORACLE | Extractable (.zip file) | Extract to c: or d: drive.  Example:  D:\apache-maven-3.2.3-bin\apache-maven-3.2.3 |
| Gradle (for build management) – writing build scripts | NON-ORACLE | Extractable (.zip file) | Extract to c: or d: drive  Example:  D:\gradle-5.2.1-all\gradle-5.2.1 |
| JUnit (for unit testing) | NON-ORACLE | .jar file | Just copy this to c:\junit or d:\junit folder  Example:  d:\junit\junit-4.10.jar |