**Software Setup**

**Tech Stack:**

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| --- | --- | --- | --- |
| Sr. | Tech Stack | Version | Download Link |
| 1 | Java | 1.8 | <https://www.oracle.com/java/technologies/javase/javase8-archive-downloads.html#license-lightbox> |
| 2 | Maven | 3.8.4 | <https://dlcdn.apache.org/maven/maven-3/3.8.4/binaries/apache-maven-3.8.4-bin.zip> |
| 3 | Git | 2.35 | <https://github.com/git-for-windows/git/releases/download/v2.35.1.windows.2/Git-2.35.1.2-64-bit.exe> |
| 4 | IDE: IntelliJ | 2021.3.2 | <https://www.jetbrains.com/idea/download/download-thanks.html?platform=windows> |
| 5 | Node | 16.14.0 | <https://nodejs.org/dist/v16.14.0/node-v16.14.0-x64.msi> |
| 6 | NPM | 8.3.1 |
| 7 | Spring Boot | 2.6.3 | <https://mvnrepository.com/artifact/org.springframework.boot/spring-boot/2.6.3> |
| 8 | ReactJs | 17.0.2 | <https://reactjs.org/docs/getting-started.html> |
| 9 | JPA | 2.6.1 | <https://spring.io/projects/spring-data-jpa> |
| 10 | MySQL | 8.0.27 | <https://downloads.mysql.com/archives/get/p/25/file/mysql-installer-community-8.0.27.1.msi> |

**Java8:**

Download Java 8 from below link:

https://www.oracle.com/java/technologies/javase/javase8-archive-downloads.html#license-lightbox

click on downloaded java\*.exe and Install Java 8 by following easy steps

**Env variables:**

open Edit user variables and set below env variables:

JAVA\_HOME - C:\Program Files\Java\jdk1.8.0\_202

Path - %JAVA\_HOME\bin

**Verify Java 8 installed:**

Open command prompt and execute below commands, check if it works fine.

Java -version and javac

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**Maven 3.8.4**

Download maven setup from

<https://dlcdn.apache.org/maven/maven-3/3.8.4/binaries/apache-maven-3.8.4-bin.zip>

Extract setup in C:\Program Files\Apache folder

**Env variables:**

open Edit user variables and set below env variables:

M2\_HOME - C:\Program Files\Apache\apache-maven-3.8.4

Path - %M2\_HOME\bin

**Verify Maven** installed correctly by executing below command on windows console

mvn –version

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**Git 2:**

Download git from

<https://github.com/git-for-windows/git/releases/download/v2.35.1.windows.2/Git-2.35.1.2-64-bit.exe>

Click on downloaded git exe Install with default steps.

**Env variables:**

open Edit user variables and set below env variables:

Path - C:\Program Files\Git\bin

**Verify Git** installed correctly by executing below command on windows console

git -version

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**Node and Npm:**

**Download link:** [**https://nodejs.org/en/download/**](https://nodejs.org/en/download/)

[**https://nodejs.org/dist/v16.14.0/node-v16.14.0-x64.msi**](https://nodejs.org/dist/v16.14.0/node-v16.14.0-x64.msi)

Click on downloaded node msi file and install with default steps.

**Env variables:**

open Edit user variables and set below env variables:

Path - C:\Program Files\nodejs

**Verify Node and npm** installed by executing below command on windows console

node –version

npm –version

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**IntelliJ IDEA 2021.3.2**

Download IntelliJ:

<https://www.jetbrains.com/idea/download/download-thanks.html?platform=windows>

Install IntelliJ from below link: <https://www.jetbrains.com/help/idea/installation-guide.html#silent>

Click on downloaded exe and install with default steps at C:\Program Files\JetBrains\IntelliJ IDEA 2021.3.2

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**MySQL:**

**Download MySQL from** <https://downloads.mysql.com/archives/get/p/25/file/mysql-installer-community-8.0.27.1.msi>

And install custom below components:

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