Lab Set-up

Lab Setup for LTI, Java Full Stack Training.

**Hardware and Operating System:**

* Windows OS
* 8 to 12GB RAM
* 200GB Free Harddisk space
* Web Browser(Chrome or any other Browser)
* Access to High Speed internet to download required dependencies, and Training material/source code projects from github(readonly access to github repository should be fine). If particpants do not have readonly access to github, please suggest an alternative for this.
* Appropriate System privileges to download and install required additional jar dependencies(from maven repository), during Training Session
* Around 10 network ports need to be open, for web servers

**Java, Spring, Spring Boot(to be installed before Training starts):**

* JDK 8  or above
* Eclipse/STS(Spring Tool Suite) IDE - latest/stable version
* Maven- latest/stable version
* MySQL 8 database server
* PostMan – latest/stable version
* Git Bash
* Mongo DB Server
* Redis Server(either installed or hosted version)

**Front End:**

* Front End IDE: Visual Studio Code latest/stable version
* NodeJS: Version 12 or above
* Angular 9 or above
* React 16.x

**DevOps & Cloud:**

* Docker Desktop
* E(Elastic Search) L(LogStash) K(Kibana)
* Jenkins – latest/stable
* AWS: Access to AWS will be required for atleast 1 to 2 days