

# NODE.JS TRAINING

## List of software to be installed before training starts

1. Git CLI on participant systems and GitHub account for every participant (to be created individually by participant).

Git CLI download: <https://git-scm.com/downloads>

GitHub link for account creation: <https://github.com/join?source=header-home>

Once an account is created by everyone, **the list of GitHub user names needs to be shared with me - I will add them to the GitHub repository before start of training.**

2. Node.js needs to be installed on all systems – Mac OSX, Linux and Windows is supported. The 10.x.x (LTS version) may be installed. This will also install npm. However, the proxy server details may need to be configured to enable npm access the npm registry (this registry is required to download Node modules required to build Node applications) – **the proxy configuration is a necessary step and has to be completed before training starts.**

Node.js <https://nodejs.org/en/download/>

To configure the proxy for npm these articles will be helpful:

<https://jjasonclark.com/how-to-setup-node-behind-web-proxy/>

<https://forum.freecodecamp.org/t/npm-behind-a-proxy-server/19386>

3. MongoDB needs to be installed on all systems. Instructions to download and install on various platforms can be found in the links below.

<https://www.mongodb.com/download-center?jmp=nav#community>

<https://docs.mongodb.com/manual/administration/install-community/>

Additionally, a \data\db (on root drive where MongoDB is installed on Windows, say C:\ or D:\) or /data/db folder (on Linux / Mac OSX) is required to be created. Participants should have write permissions on this folder.

4. Download and install Visual Studio Code (VSCode)

<https://code.visualstudio.com/download>

It is available for Windows, Mac OSX and popular Linux distributions.

5. For browser – latest version of one of Chrome or Firefox, preferably Chrome. Internet Explorer is not acceptable.

Chrome: <https://www.google.com/chrome/browser/desktop/index.html>

Firefox: <https://www.mozilla.org/en-US/firefox/new/>

6. **Additionally, it would be great if participants have as little restrictions (as permissible) on internet access during the session**