

Official NodeJS docs - <https://nodejs.org/en/docs/>

NodeJS download for windows - <https://nodejs.org/en/download/>

(simply click on downloaded file and it will install nodejs)

NodeJS for Ubuntu -

<https://www.digitalocean.com/community/tutorials/how-to-install-node-js-on-ubuntu-20-04>

(it is best to use this process) - only use option 2, if you use option 1 (apt-get), it will install old version

NodeJS for mac - <https://phoenixnap.com/kb/install-npm-mac>

Install with homebrew

NVM installation for NodeJS -

<https://www.vultr.com/docs/install-nvm-and-node-js-on-ubuntu-20-04/>

NVM for Mac - <https://tecadmin.net/install-nvm-macos-with-homebrew/>

NVM for windows - <https://github.com/coreybutler/nvm-windows>

NVM useful commands -

1. ``nvm -version`` to check version
2. ``nvm list`` to list all the available nvm versions
3. ``nvm use 15.0`` to use a specific version of nodejs
4. ``nvm install 15.0`` to install a specific version of nodejs

Great books for NodeJS -

1. <https://booksoncode.com/articles/best-node-and-express-books>
2. <https://www.netguru.com/blog/node-js-books>

Advanced Nodejs books -

1. <https://amzn.to/3pgXveC>
2. <https://amzn.to/3C4AeUZ>
3. <https://amzn.to/3vZrcVh>

Some great articles to learn NodeJS -

1. <https://medium.com/free-code-camp/what-exactly-is-node-js-ae36e97449f5>

2. <https://medium.com/edge-coders/node-js-streams-everything-you-need-to-know-c9141306be93>
3. <https://medium.com/dailyjs/how-i-automated-my-job-with-node-js-94bf4e423017>
4. <https://medium.com/edge-coders/before-you-bury-yourself-in-packages-learn-the-node-js-runtime-itself-f9031fbd8b69>
5. <https://yonigoldberg.medium.com/19-ways-to-become-a-better-node-js-developer-in-2019-ffd3a8fbfe38>

Some great youtube videos for Nodejs -

1. https://www.youtube.com/watch?v=TIB_eWDSMt4
2. <https://www.youtube.com/watch?v=ENrzD9HAZK4>
3. <https://www.youtube.com/watch?v=sJ7nDNNpOMA>
4. <https://www.youtube.com/watch?v=Oe421EPjeBE&t=14608s>
5. <https://www.youtube.com/playlist?list=PL4cUxeGkcC9jsz4LDYc6kv3ymONOKxwBU>

Some great projects to implement -

1. <https://trevorlasn.medium.com/how-to-setup-a-powerful-api-with-nodejs-graphql-mongodb-hapi-and-swagger-e251ac189649>
2. <https://medium.com/free-code-camp/securing-node-js-restful-apis-with-json-web-tokens-9f811a92bb52>
3. <https://medium.com/free-code-camp/building-a-simple-node-js-api-in-under-30-minutes-a07ea9e390d2>
4. https://medium.com/codeburst/build-simple-medium-com-on-node-js-and-react-js-a278c5192f47?source=search_post-----12-----
5. <https://medium.com/@atingenkay/creating-a-todo-app-with-node-js-express-8fa51f39b16f>

Bootcamp -

NodeJS starter kit [Github] -> <https://github.com/AkhilSharma90/nodejs-starter>

1. **Star it**
2. Clone it
3. ``npm install``
4. ``npm start`` - will not work right now

NodeJS starter kit on Gitpod virtual environment ->

<https://gitpod.io#snapshot/86a8adc0-9f16-4971-bb91-290404fde301>

(Note :- This is a gitpod - a virtual environment to run code. When you click on this link, the project will be copied to your gitpod account, so make sure you first create a gitpod account so you can access this later.)

Opening the project, you will see an error message, that's because there is no server.js file right now. We will build it together.

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COMPLETED PROJECT BELOW -

NodeJS CRUD APP [Github] -> <https://github.com/AkhilSharma90/node-crud-project>

NodeJS CRUD APP on Gitpod virtual environment ->

<https://gitpod.io#snapshot/a7b181d2-2673-4afc-ba9f-572243c45f23>

POSTMAN Collection - <https://documenter.getpostman.com/view/11345637/2s8YCbma7L>

You have to run this in postman

Project board briefing - >

<https://whimsical.com/nodejs-masterclass-scaler-SJpzkrCwPj8tqWZLGNA7sj>

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EXTRA PROJECT, JUST FOR LEARNING PURPOSES -

Github final ecommerce project ->

<https://github.com/AkhilSharma90/node-ecommerce-V2/tree/master>

Final ecommerce project ->

<https://gitpod.io#snapshot/637c7594-1839-4b4f-b6e5-9297c4fbfcc>

Helpful Linux commands -

1. Stop server with port -> ctrl+c
2. Stop server immediately, sometimes leaving the port open -> ctrl+z
3. Kill processes on port - kill -9 \$(lsof -t -i:8080)

Accessing a port on Gitpod - `3000-yourworkspace.ws-eu45.gitpod.io`