

BUILDING BLOCKCHAIN APP — PROOF-OF-EXISTENCE

SETTING UP ENVIRONMENT & TOOLS

INSTALL PHP & APACHE IN LOCAL

- Install Apache & PHP7 in your local machine & ensure it is up and running properly. [Click here](#) to read the detailed guide for Ubuntu. If you are running something else like windows or mac just google it.
- Install composer in your local computer to manage packages in PHP (Slim, Multichain PHP library etc). [Click here](#) for step by step guide installing composer in local ubuntu.
- Install Git if not already installed & configure it to use it. [Read here](#) to know how to do it.
- Download [this](#) basic bootstrap template which has navigation & make sure to access it at localhost/poe/
- Add jQuery into your bootstrap template if not already added.

SIGNUP/LOGIN INTO AWS ACCOUNT

- Please signup or login into your Amazon Web Services account.
- Make sure you have rights to launch at least one EC2 Server, preferably 5 or more
- Launch one Ubuntu 14.04 or Ubuntu 16.04 EC2 machine and do the SSH into the machine.
- If you don't know how to do it, please refer to our previous course "[MultiChain – How to Setup Private Blockchain in AWS EC2](#)" where we have shown the step by step process to launch a server, connect it to SSH & install MultiChain. Or [Read here](#).
- Get familiarize with Blockchain (My Udemy Course [here](#)) & MultiChain [here](#).
- After doing SSH into Ubuntu EC2 Box please install PHP7.0+ with Apache. [Click here](#) to know how to do it.



INSTALL SUBLIME OR VISUAL STUDIO CODE

- Install any code editor like Sublime, VS Code, Netbeans, Eclipse etc.
- I recommend Sublime or VS Code for each & quick access.
- (Optional) Ensure you have PHP, HTML & JavaScript editing configured for formatting & highlighting.




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THANK YOU FOR YOUR TIME