**Title: BlockChain Hands-on Deep Dive Journey - Monthly Series**

Hello to the BlockChain community here in Hyderabad , if you have been thinking about rolling up your sleeves and doing a hands-on deep dive on programming for BlockChain you have found the right meetup space.

Please go through the recommended learnings before you attend the meetup, believe us it helps immensely to have productive conversations.

**Agenda for this month:**

* BlockChain understanding baseline and reviewing the basics
  + Why BlockChain
  + Cryptography and its association with BlockChain
  + Where is BlockChain being used today
  + The Jargon
    - Distributed Ledger
    - What is a Block?
    - Nonce
    - Genesis Block
    - Provenance
    - Consensus (Proof of Work/Proof of Stake)
  + Types of BlockChain
  + When not to use BlockChain
  + The future of BlockChain
* DEMO & Hands-on: How to understand BlockChain by building one
* The popular platforms available for Implementing BlockChain solutions
* Why we chose Ethereum as the platform for this series

*Bring your Laptop or Mac, and also BlockChain runs best on Linux/MacOS .. so if you are using windows pls have a Virtual Box image running with Ubuntu Linux 17.10 (contact us if you have questions)*

**Why do another BlockChain meetup** when many meetups have covered the same?

Well our belief is building a strong foundation for the series, so the **DIFFERENCE** here: we are taking you on a journey to become an expert in implementing BlockChain using Ethereum by doing the below.

\* This is a monthly MeetUp series with defined agenda, goals and action items for people who want to take their BlockChain journey seriously

\* Each month we will put together the topics that will get you close to being able to perform a full BlockChain solution

\* We will share our experiences and expertise in learning and implementing BlockChain based solution

\* The community has the social platform of interacting with each other via the Slack group we have created, you can join using the link -

\* The goal of the series is to provide a platform for people who ultimately want to build expertise on BlockChain platform

**Our goal is to be able to bring together people who:**

* Believe BlockChain being their future
* Want to meet like minded people who want to get their hand-on experience for BlockChain
* Want to build Expertise on BlockChain

**Who we are:**

A non profit group founded in Hyderabad with goal of spreading awareness on latest technologies

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**About the Moderator(s):**

Rishi works as a TOGAF certified Technology Architect at a MNC and has been associated with the BlockChain space for more than an year, and for the past 13 years he has been instrumental in leading projects associated with Enterprise Integration Java/JEE,Open Source for various clients. He is passionate about all things technology but is particularly interested in BlockChain, Augmented Reality, SmartGrids and technologies for Agriculture.

**Here are the recommended learnings that we would like you to go through to build your BlockChain foundations before you attend the MeetUp:**

BlockChain Business Overview - TedTalk by Dan Tapscott on BlockChain.

https://www.ted.com/talks/don\_tapscott\_how\_the\_blockchain\_is\_changing\_money\_and\_businessBlockChain

BlockChain Technology Foundation by Anders Brownworth , one of the most popular foundational understanding

https://www.youtube.com/watch?v=\_160oMzblY8

This is a very lucid explanation that helps cover the basics from a user perspective and understand the high-level technology for BlockChain.

Build Basic BlockChain from Groundup using Python -

https://hackernoon.com/learn-blockchains-by-building-one-117428612f46