



Blockchain Solutions - Steps and Measures

Steps To Create Your Blockchain Solution

- **Identify a suitable use-case:** Before creating your blockchain, you need to identify the use case of your solution and if it fits the blockchain structure.
- **Identify the most suitable consensus mechanism:** Depending upon your use case, choosing the consensus mechanism that suits your solution can significantly impact the solution.
- **Identify the most suitable platform:** Depending upon the consensus mechanism, choose the suitable platform. You can create your solution on top of a blockchain or can design your own blockchain.

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Designing the Nodes: Blockchain solutions can be private, public or hybrid.

Design the Blockchain Instance: Carefully planned configuration for the following elements:

- Permissions
- Asset issuance and Native assets
- Asset creation
- Atomic exchanges
- Key management
- Multi signatures
- Parameters
- Address formats
- Key formats

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Building the APIs: Some blockchain platforms come with pre-made APIs while some don't. The major categories of APIs that you would need are for:

- Generating key pairs and addresses
- Performing audit-related functions
- Data authentication through digital signatures and hashes
- Data storage and retrieval
- Asset management – issuance, payment, exchange and escrow.

Design the Admin and User Interface: Select the front end and programming languages to create a GUI to send and receive requests from the blockchain.

THANK YOU!

Any Questions?

Visit

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