**SOC Project - Explore the world of Web 3.0**

* I watched all the youtube tutorials shared related to HTML, CSS, and javascript and practiced along to be familiarized.
* To integrate blockchain code with the web app, I learned ReactJs basics from the tutorial shared and followed it along.
* Gained insights into various topics like:

-What is Blockchain, and what to trust on Blockchain

-Information on Cryptocurrency rise of BITCOIN, Ethereum, and “Dogecoin.”

-About the Proof of work concept and how modern crypto-currencies are trying to solve the problem

-How far is crypto from becoming Fiat currency

-How this can get out of the hand of the government for better or for worse

-Difference between Web2.0 and Web3.0

-Insights on decentralization, cryptocurrency, Ethereum, smart contracts, and blockchain.

-Tested wallets on Ethereum, Solana, Avalanche, etc. Tried and transact coins using the faucet, got used to features in Metamask

* Created a dummy blockchain with javascript by following the youtube tutorial shared by the mentors
* Learned Solidity ( an object-oriented programming language created explicitly by the Ethereum Network team for constructing and designing smart contracts on blockchain platforms )
* Gained insights on how to write smart contracts and practiced them on the blockchain Ethereum platform. Made a basic smart contract on Solidity, compiled it using “Remix,” deployed it on a test network, and tried it using different test accounts.
* Read about what blockchain is (theory) and watch all the videos shared on it by the mentors.
* Followed along with a tutorial on how to build and deploy a web 3.0 actual project.