Build a Blockchain and a Cryptocurrency from Scratch

Main goal of the course

- Build a blockchain and cryptocurrency to understand these technologies.

- Learn by building.

Motivation

- The exponentially-growing need for blockchain engineers.

- Build a blockchain yourself, and demonstrate understanding.

- It's fascinating and fun!

Course Roadmap

- Code the core blockchain.

- Build an API around the blockchain.

- Create a dynamic peer-to-peer server for multiple contributors.

- Implement a proof-of-work system to balance users.

- Create a transaction system for a cryptocurrency.

Additional notes

- Uses NodeJS for the project.

- Write tests as you go along.