Blockchain Data Storage
- store medical data in blockchain format

AES-256 Encryption

WebSocket Connection

Python Node
- performs data search/retrieval from its blockchain
- communicates with other bots to vote/achieve consensus on transactions and data integrity
- maintains logic to define how transactions work (smart contract)
- waits for messages from the server

HTTP Connection

Node.js Server
- relay messages between nodes
- request data from nodes
- send node data to user
- send user transactions to nodes

Firebase Database
- user authentification
- node message records

Front-end
- utilizes React
- user login page
- provides data analysis/ visualizations to the user

User
- can request data and recieve data visualizations
- can submit transactions (new data)