Blockchain – Election Smart contract.

Voting cannot be possible online, because of the issues related to traditional client server architecture.

Some of these issues include – attack on server, loss of data and manipulation of data.

Hence, the election program has been implemented on blockchain.

Blockchains are immutable – that is cannot be changed and are secured from loss of data threat.

A smart contract has been written using the tool Truffle.

Basic Sketch for the project –

1. Model a candidate.
2. Store candidate information.
3. Fetch the candidate.
4. Keep track of votes.
5. Store candidate counts.

On front end –

1. Display the list of candidates.
2. Provide an option to vote.
3. Register the vote and display increment.
4. Show real time vote counts upon submission.