



# Soumyadeep Roy

## Blockchain Developer

### Profile

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An enthusiastic Blockchain learner and skilled developer having a keen interest in smart contract development and designing decentralized applications.

### Education

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#### Bachelors Of Technology (Computer Science)

Heritage Institute of Technology (2021-2025)  
CGPA: 8.1 (Upto 3rd semester)

### Projects

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- **Blockchain based voting system**

Used different mappings and arrays to store details of contesting parties, voters accounts and casted votes and calculated them to broadcast result.

- **Crowd funding contract**

Used solidity payable function to collect fund and also refund function to refund money when condition not satisfied.  
Used hardhat environment in this project.

- **Event Organization**

Create events and collect funds in ETH by selling tickets

- **Digital verification system**

Used keccak hashing algorithm to make hash of a data and digitally sign it and verify using cryptographic ECDSA algorithm.

### Certifications

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Blockchain specialization on Decentralized Applications (Dapps) [↗](#)

Getting started with Ethereum and basics of Blockchain [↗](#)



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<https://soumyadeep-s-portfolio.vercel.app/>



[github.com/dev-soumyadeep](https://github.com/dev-soumyadeep)

### Skills

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Ethereum  
(Intermediate)

Hyperledger Fabric  
(Basic)

Full stack development  
(Intermediate)

C++/Python Programming

Git/GitHub (Intermediate)

Docker(Basic)