

Shreyash Chaurasia

Final year undergraduate at MIT ADT

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Skills

Programming & Scripting: C/C++, Python, Javascript, Bash
Web development + Database: HTML/CSS, ReactJS, MySQL, Flask
Web3: Solidity, Hyperledger Fabric, EthersJS, Hardhat

Education

B.Tech Computer Science

MIT ADT UNIVERSITY

Maharashtra, India 2021-2025

Relevant Courses: Data Structures and Algorithm, Database Management, Introduction to Blockchain and Solidity

Courses

[Blockchain Basics by University at Buffalo](#)

[Smart Contracts with Solidity: Create an Ethereum contract](#)

Experience

FullStack Blockchain Developer Intern

AccelChain

Remote 1 July 2024 - 30 September 2024

As a FullStack Developer apprentice at AccelChain, I gained hands-on experience in both front-end and back-end development. I collaborated with cross-functional teams to design, develop, and deploy scalable web applications using technologies such as JavaScript, React.js, Node.js, and Ethers.js.

- Participated in the full software development lifecycle, from requirements gathering to deployment and maintenance.
- Implemented responsive user interfaces and enhanced user experience through effective design principles.
- Worked and learned more about smart contract development and using blockchain along other tools like Verifiable Random Functions (VRF), HardHat, etc.
- Utilized version control systems like Git to manage codebase and collaborate with team members.

This role honed my technical skills and deepened my understanding of agile methodologies, preparing me for a successful career in software development.

Projects

[CoinFlip using ERC-20 tokens](#)- Uses VRF subscription to get random numbers where players can do a CoinFlip using erc-20 token. The randomness is unique and the number generation cannot be compromised by anyone once the coin is flipped. This is done as a request-response cycle which ensures fairness and results are returned back to users in a short amount of time.