

# Manas Hatwar

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## SKILLS

### PROGRAMMING

- Blockchain & Smart Contracts: Solidity, Move
- Web3 Libraries: Ethers.js, Web3.js
- Frontend & Frameworks: React.js, TypeScript, JavaScript, HTML, CSS
- Databases: SQL, MySQL
- Languages: Java, C, C++

### TOOLS & TECHNOLOGIES

- Blockchain Tools: MetaMask, Hardhat, Truffle, Chainlink CCIP, IPFS
- Version Control: Git, GitHub
- Cloud & Deployment: Vercel, Netlify
- Data Visualization & Analytics: Tableau
- Productivity: MS Office

## EDUCATION

### B. TECH., COMPUTER AND COMMUNICATION ENGINEER

THE LNM INSTITUTE OF INFORMATION TECHNOLOGY  
July 2024 - Present | Jaipur, India  
JEE MAINS SCORE : 96.24 PERCENTILE

### PACE SCIENCE JUNIOR COLLEGE

Class XII Percentage: 75.14%  
February 2024 | HSC Board | Maharashtra, India

### LOK KALYAN PUBLIC SCHOOL

Class X Percentage: 91.22%  
February 2022 | SSC Board | Maharashtra, India

## CONTENT CREATION

- I write and publish Web3 articles on Medium covering blockchain, smart contracts, and emerging trends, with multiple articles featured on *The Capital* (15.6K subscribers).
- Medium Profile

## PROJECTS

### LENDFLOW – DECENTRALIZED LENDING-BORROWING PLATFORM (ETHGLOBAL NEW DELHI 2025) |LIVE DEMO

- **Overview:** A cross-chain lending-borrowing protocol with a dynamic order book matching system for classified users.
- **Key Features:** Eliminates whale-induced APY spikes by matching small borrowers with lower APYs and large borrowers with higher APYs for instant fulfillment.
- Integrated Aave, MakerDAO, Rootstock, Pyth, and Walrus for multi-protocol APY optimization and BTC collateral handling.

### TANGIBLEFI – RWA LENDING PROTOCOL (CHAINLINK HACKATHON) |LIVE DEMO

- **Overview:** An on-chain finance protocol bridging tangible real-world assets (RWAs) with DeFi liquidity.
- **Key Features:** Tokenized RWAs as on-chain NFTs, enabling ownership, metadata embedding, and instant collateralized stablecoin borrowing with dynamic LTV ratios.
- Automated repayment flows using Chainlink Automation (reminders, grace periods, liquidation safeguards) and cross-chain interoperability via Chainlink CCIP for multi-chain loan management.

### INTERDRIVE – DECENTRALIZED FILE SHARING |LIVE DEMO

- A decentralized file-sharing platform that enables users to upload, share, and access files securely using blockchain and IPFS.
- Stores file metadata on Ethereum via **Solidity smart contracts** and integrates **IPFS** for decentralized storage.

### ATTENDANCE DAPP |GITHUB LINK

- Developed a decentralized attendance management system using **Solidity** and **Ether.js**, ensuring transparency and immutability on the Ethereum blockchain.
- Implemented **QR code-based check-in**, allowing users to scan from **MetaMask mobile app** for secure and easy authentication.

## EXPERIENCE

- **Research Intern**, LUSIP | Certificate Explored decentralized finance (DeFi) concepts and deepened understanding through research papers during LUSIP.

*The Dark Side of Liquidity: A Deep Dive into AMM-based DEX Risks and Security*

*Impermanent Loss: What is it and How Can We Reduce Its Impact* May 2025– Present | LNMIIT, Jaipur

- Active core member of Cipher Jan 2024 – Present | LNMIIT, Jaipur