Mehrab Hossain Shakib

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in Mehrab Hossain Shakib | ⌂ shakib-mehrab

Cumilla, Bangladesh

Objective

A self-taught tech enthusiast and blockchain learner, I'm passionate about coding and designing for a decentralized future. My dedication to continuous learning and innovation drives me to explore new technologies and generate creative solutions.

Technical Skills

- **Blockchain:** Solidity, Smart Contract Development, Smart Contract Security, Chainlink, IPFS, Web3.js, Ethers.js
- **Languages:** JavaScript (ES6+), C++, Java, Rust (Basic)
- **Web/Frameworks:** React.js, Next.js, Node.js, Express.js, Tailwind CSS, React Vite
- **Databases:** MongoDB, MySQL, Oracle
- **Authentication & Security:** JWT, Bcrypt, Firebase Auth, Multi-layer Security
- **Payments & Transactions:** SSLCommerz, Crypto Wallet Integration (MetaMask, WalletConnect)
- **Mobile/Web3 Development:** React Native, Expo, Firebase, React Navigation, AsyncStorage
- **File Storage:** IPFS, Cloudinary, Multer
- **Core CS:** Data Structures, Algorithms, OOP, Problem Solving
- **Tools & Platforms:** Hardhat, Truffle, Ganache, Remix IDE, Git, Google Colab
- **Design & Marketing:** Figma, Canva, Product Marketing
- **Networking & Simulation:** Cisco Packet Tracer

Achievements

- Finalist — Blockchain Olympiad Bangladesh 2024

Education

Comilla University *Feb 2022 – Present*
B.Sc. in Computer Science and Engineering Cumilla, Bangladesh

Projects

- **CSE Soceity CES — A Dedicated Club Management System**
  Stack: React.js, Express.js, Node.js, MongoDB ⌂
- **ChatDapp - A Dectralized chatting Application**
  Stack: NextJS, CSS, Solidity, Node.js, Ether.js, Metamask, Hardhat, Alchemy ⌂
- **MintZillo — A Dectralized Real Estate Management**
  Stack: React, Tailwind CSS, Solidity, Node.js, Ether.js, Metamask, Hardhat, Alchemy ⌂
- **FundChain - Dectralized Crowd Funding Application**
  Stack: React, Tailwind CSS, Solidity, Node.js, Ether.js, Metamask, Hardhat, Alchemy ⌂
- **EtherPresso - A Dapp For easy transaction**
  Stack: React, Tailwind CSS, Solidity, Node.js, Ether.js, Metamask, Sepolia ⌂
- **Cybersecurity Game — CLI**
  Stack: Python ⌂

Mini Projects

- NoteOnize - Organize Daily Notes ⌂
- Tuitiontrack - Track You Tuition Days 🌐
- To-do App — JS/HTML/CSS 🌐
- ZenPass (Password Generator) — JS/HTML/CSS 🌐
- CSE Fest 2025 Website (HTML, CSS, JS) ⌂
- Resume/CV/Portfolio ⌂
- Weather App ⌂
- RepoShift Bash Script

Certifications & Participations

- Blockchain Foundation Course by Cyfrin updraft
- Deep Learning — Coursera (2025)
- Participated in ICPC Regional - 2023
- Competed in Blockchain Olympiad 2024 (Finalist)

Extracurricular Activities

- General Secretary — Comilla University IT Society
- General Secretary (Elected) — CSE Society, Department Of CSE
- Deputy Lead, Operations and Technical — Tedx Comilla University
- Convener — BASIS Student Forum, CoU Chapter
- Ambassador — Startup Bangladesh, Pioneer Alpha