FULL-STACK
BLOCKCHAIN DEVELOPER
EXPERIENCED IN FRONT-END & BLOCKCHAIN/WEB3

SHEKH
SHIHAB UDDIN

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ABOUT ME

I am a Front-end Web Developer. I have a very good foundation in HTML, CSS, JAVASCRIPT, REACT etc. I can build dynamic, interactive and attractive UI using my skills. I am also highly skilled and experienced in Blockchain, Web3, NFTs, DeFi, Crypto and building innovative decentralized applications (Dapp).

SKILLS

HTML	CSS
JAVASCRIPT	TYPESCRIPT
REACT	Redux
NextJS	Bootstrap
Tailwind	i18next
Chakra UI	
NodeJS Basic	ExpressJS Basic
MongoDB Basic	
Blockchain	ETHEREUM
Ethers.JS	SOLIDITY
Web3.JS	Hyperledger (Fabric)
HARDHAT	
Tokens (ERC721, ERC20, EIP-2612)	

TOOLS

Git & Github   Postman   Docker
Firebase & Firestore   The Graph
Metamask   Openzeppelin   Infura
Alchemy   Oracle(Chainlink)   Ganache

LANGUAGES

Bengali   English

EDUCATION

Bachelor of Science in Mechatronics Engineering with 1st class (CGPA 3.48) from Rajshahi University of Engineering & Technology (RUET), Rajshahi, Bangladesh

WORK & EXPERIENCES

- Working as Associate software engineer at SELISE (Secure Link Services) Group, Bangladesh Branch. Here I have been basically working as a Blockchain/Web3 developer since **1st February 2024**.

- I am working on projects like X4T and OFD.

1. "X4T(https://x4t.com/en)", a crypto trading platform. I was assigned and associated with this project since its maintenance phase. I came to work with Fireblocks, Openocean platforms. Their integration with X4T. I was involved in solving problems like high gas fees, bridge contract integration etc. as well as front-end related bug fixing. Gained a lot of experience on how to perform RNDs and detecting as well as resolving an issue.

2. "OFD (https://app.oraclefreedollar.org/)", an Oracle Free Stable-coin pegged to USD. This project was basically a forked platform from frankencoin. I recreated the system with full modification both on the blockchain and frontend side. Here, I gathered hands on experience on how a web3 stacking platform, a stable coin works. The detailed roles of the token contract, wrapped token, bridge contract, equity contract etc. as well as modified the frontend integration (ethersJS, Hardhat) and modifications (Typescript, ReacrJS, NextJS). Migrated the platform to BSC chain. I deployed the testnet contracts using Hardhat newly, created the subgraph for both the mainnet and testnet contract using ponder and railway.

THESIS & JOURNAL

- I am the first author of the Paper titled "**Next-generation blockchain enabled smart grid: Conceptual framework, key technologies and industry practices review**"
Journal: Energy and AI, Elsevier
Cite Score: 16.5 (2024, According to sciencedirect.com)
Impact Factor: 9.6 (2024, According to sciencedirect.com)
Link: Visit Here

- My undergrad thesis was on "**A Blockchain-Integrated Consumer-focused Energy Trading Marketplace with Machine Learning-based Price Optimization for Enhancing Accessibility**". Aiming to find a new and revolutionary way for decentralized transactions in the energy sector.