

## Zain-ul-Abdeen

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Experienced full-stack Blockchain engineer and MERN stack developer with expertise in creating decentralized applications and smart contracts using Solidity, Web3.js, React, Node.js, and MongoDB.

### Full Stack Blockchain Developer - Renesis Technology, Lahore

March 2023 – 5 July 2023

- **NFT-Marketplace:** Developed and deployed live NFT trading platform on polygon, enabling gas-free NFT creation for Creators. Allow Buyers to buy NFT's using Stripe. Resolved Post production issues for smooth experience. worked on smart contract, Frontend and Backend. (Solidity, Hardhat Next.js, Nest.js)
- **Real estate Marketplace:** Worked on Real State platform for secure real estate transactions, encompassing buying, selling, and renting. optimized smart contracts for enhanced functionality. Leveraged blockchain technology for trust less transactions and seamless user experience (Solidity, Hardhat).

### Full stack Blockchain Developer – Innovator Solution, Lahore

July 2022 -1 March 2023

- **Smart contract Builder:** A web application that allows user to easily create and deploy custom smart contracts on EVM based Chain, Implemented UI using React.js and Stored the User data using MongoDB (Solidity, MERN).
- **NFT-Marketplace:** created a smart contract for Nft marketplace and implemented English and DUTCH auction and also added Royalties functionality

### Blockchain Developer-Troon Technologies, Islamabad

March 2021 - July 2022

- **Token Bridge:** Developed a bridge between on Flow and Ethereum blockchain, enabling users to exchange tokens seamlessly between two networks also Wrote unit test cases to test the smart contract functionality (Solidity, Cadence, MERN, hardhat, JavaScript)
- **Token Stacking and Reward:** created a smart contract to allow users to stake and earn rewards based on the amount and duration of staking and distribute rewards accordingly Wrote unit test cases to test the smart contract functionality. (Solidity, hardhat JavaScript)
- **ERC20Token and Token Exchange:** created a ERC20 Token and a service smart contract to exchange old token with new Token, wrote unit test cases to test the smart contract functionality (Solidity, hardhat, JavaScript)
- **USDC & USDT Integration:** integrated USDC and USDT support to buy a ERC20 social Token, wrote unit test cases to test the smart contract functionality (solidity, hardhat, JavaScript)
- **Lazy Minting:** created a lazy minting service for NFT marketplace and Wrote unit test cases to test the smart contract functionality (solidity, JavaScript, Hardhat)

### Personal Projects

Real-Estate with Blockchain Technology: solidity, React.js, MERN

### Education

Bachelor of Computer system Engineering

2016 - 2020

MUST (Mirpur University of Science and technology) Mirpur Azad Kashmir

### Technical Skills

- **Blockchain Platforms:** Ethereum Blockchain, onflow Blockchain, Web3, Ethers.js, Moralis
- **Blockchain Languages:** Solidity, Cadence
- **Tools:** Hardhat, git
- **Frontend-Backend Technologies:** React.Js, Next.js, MongoDB, Express, Node.js JavaScript,