

Zulkefal

MERN Stack | Smart Contract Developer | Blockchainer

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Linkedin

RELEVANT SKILLS

- **IDEs** Remix, Dev-C++, Visual Studio
- **Skills** MongoDB, Azure SQL, React JS, Node JS, JavaScript, Solidity, C#, C++, EtherJS, REST APIs

PROJECTS

Final Year Project

Title: NFT Based Degree Issuance and Verification System

Technologies Used: Azure SQL, React JS, NodeJs, EtherJS, Solidity, IPFS, Material UI, Ethereum Blockchain

- HEC and universities are primary stakeholders.
- Universities issue degrees as NFT after HEC approval.
- Recruiters or interested parties verify degrees in seconds with zero cost using degree ID.

Title: MERN Application (NFT Ticketing System with ERC-721 Standard)

Technologies Used: MongoDB, ReactJS, IPFS, EtherJS, Solidity, Ethereum Blockchain

- Users receive tickets as NFTs using the ERC-721 standard
- Utilized IPFS for decentralized storage of NFT metadata and images.
- Ensured secure minting and transfer of NFTs representing event tickets

Title: Dapp For Storing Files on IPFS and Ethereum

Technologies Used: IPFS, ReactJS, Solidity, EtherJS, Ethereum Blockchain

- Develop a secure Dapp for file storage on IPFS
- Store file hashes in a Solidity smart contract on Ethereum
- Require users to attach an ID to each file and retrieve files hash from Ethereum blockchain using their assigned IDs

Title: Voting Smart Contract using Solidity

- Developed a secure and efficient smart contract for blockchain-based voting
- Implemented a registration process requiring a 1 ether fee for eligible voters within a specified timeframe
- Restriction imposed to allow only one vote per voter
- Exclusive authority granted to the contract owner for withdrawing funds collected from voters

EXPERIENCE

Technical Team Member Google Developer Student Club

September 23 – September 24

- Organized several events on Technology such as Blockchain, AI and Flutter.

Internee at CodeClause (Remote)

August – September 2024

Learning: HTML, CSS, JS and React JS

- Created 4 React JS Projects

Internee at Web3Learn (Remote)

August- September 2024

Learning: Solidity

- Created 3 Smart Contracts in Solidity

EDUCATION

Bachelors of Science, Computer Science

CGPA: 3.44 / 4.00

Sep-2020 – June-2024

Air University Aerospace and Aviation Campus Kamra

Kamra, Pakistan

Courses

- Blockchain Basics (Coursera) [Verify](#)
- Smart Contract (Coursera) [Verify](#)
- Decentralized Applications (Coursera) [Verify](#)