

Mirza Muhammad Baig

☎ 0320-9246199

✉ mirzamuhammadbaig328@gmail.com

🌐 <https://www.linkedin.com/in/mirza-muhammad-baig-blockchain-developer/>

<https://github.com/MirzaMuhammadBaig>

Projects

Block-chain Based Land Registry System / *Solidity, Smart Contract*

- Developed a decentralized Land Registry Contract to remove scams & troubles during the Land Registration Process.
- Implemented Solidity to create a Smart Contract.
- Project Link: <https://github.com/MirzaMuhammadBaig/Blockchain-based-Land-Registry-System>

Special NFT Market Place / *Solidity, Smart Contract, Node.js, Truffle, Web3.js* . Developed a NFT contract, in which three users can mint with the respect of our limits.

- Created a truffle project for using web3.js
- Created a web3.js project to interact with smart contract and deploy it on test-net.
- Interact with smart contract directly from node.js.
- Project Link: <https://github.com/MirzaMuhammadBaig/Special-NFT-Market-Place>

Ebay Smart-Contract with Testing / *Solidity, Smart-Contract, Hardhat, Web3.js, JavaScript*

- Developed an Ebay smart-contract, in which users can sell or buy products.
- Created a hardhat project for using web3.js. (We have used a library for using web3 in hardhat)
- Created a web3.js project to interact with smart contract and deploy it on test-net and for testing.
- Project Link: https://github.com/MirzaMuhammadBaig/Ebay_Smart-Contract_With_Testing

Create Block-chain Using JavaScript / *JavaScript*

- I have created a block-chain using JavaScript, in which I have implemented some functions of block-chain.
- Project Link: <https://github.com/MirzaMuhammadBaig/Create-Blockchain-From-Scratch>

Pre-Sale or Initial Coin Offering / *Solidity, Smart-Contract, Hardhat, Ethers.js, JavaScript*

- ERC20 token crowd sale contract allows purchase with another ERC20 token. Additionally, early users may receive bonus tokens based on the sale parameters set by the owner. Contract owner sets sale parameters, can increase NFT liquidity with function, retrieve contract balance, and use for fundraising/exchange purposes.
- Project Link: <https://github.com/MirzaMuhammadBaig/Presale-or-initial-coin-offering-ICO>

Crowd Funding / *Solidity, Smart-Contract*

- Solidity smart contract for crowdfunding platform enables user contributions, proposal voting, and withdrawal if funding target not met. Manager creates and manages campaigns, and claims funds for completed campaigns.
- Project Link: <https://github.com/MirzaMuhammadBaig/Crowd-Funding-Contract>

Token Launcher & Airdrop Contracts / *Solidity, Smart-Contract*

- The contract distributes tokens either for free or a fee, with user purchase limits and timing constraints. Tokens can be obtained using Ether or for free. Early investors receive a special discount.
- Project Link: <https://github.com/MirzaMuhammadBaig/TokenLuncher-Airdrop>

Self DEFI / Solidity, Smart-Contract, Hardhat, Ethers.js, JavaScript

- First clone uniswap-v2-core and uniswap-v2-periphery and then create our custom uniswap and deploy on goerli then create some erc20 tokens for creating pools and then for swapping.
- Project Link: <https://github.com/MirzaMuhammadBaig/Self-Uniswap>

Get Pool Feeds from Different DEXs / JavaScript, Node.js, Kafka, Zookeeper, Docker

- In this project, I am fetching feeds from different dexs on solana and ethereum and then data store in kafka with partitions.
- Project Link: <https://github.com/MirzaMuhammadBaig/Get-Pool-Feeds-From-different-dexs>

Ecommerce Store / Express.js, Next.js, React.js, MongoDB, Redux-toolkit, Tailwind, Bootstrap

- This ecommerce store has separate admin and client panels. Only the admin can manage products through the admin dashboard, including adding, deleting, and updating. The admin can also monitor product statistics and deliveries. Clients can browse and purchase products, and the website alerts when a product is out of stock.
- Project Link: <https://github.com/MirzaMuhammadBaig/ecommerce-store>

Parking Dapp / Solidity, React.js, Hardhat, Ethers.js, Web3.js, Typescript, Material UI

- This project contains two parts. One is the solidity smart contract that handles all of the logic and state of the parking ticket purchases. The second part is a front-end app that allows different types of users to interact with a parking contract.
- Project Link: <https://github.com/MirzaMuhammadBaig/Parking-DAPP>

Multi-Signature Wallet / Solidity

- This is a solidity smart contract. It allows multiple owners to jointly control the funds held in the contract, requiring a specified number of confirmations from the owners to execute a transaction.
- Project Link: <https://github.com/MirzaMuhammadBaig/Multi-Signature-Wallet/tree/main>

Experience

BawdicSoft

Block-chain & Web Developer

Dec 2022 – Feb 2023 (3 Months)

Karachi-Sindh

Antematter

Block-chain Developer

Mar 2023 – Apr 2023 (2 Months)

Remote

Fiverr

Block-chain Developer

Oct 2022 – Ongoing

Online

Guru

Block-chain Developer

June 2023 – Ongoing

Online

Freelancer

Block-chain Developer

June 2023 – Ongoing

Online

Certificates

Institute of Emerging Career (IEC)

Block-chain Graduation

November 26, 2022

Online

- Institute of emerging career provided me, certificate of block-chain graduation.
- Certificate Link: <https://iec-blockchain-certificate.web.app/>

University at Buffalo (Coursera)

November 3, 2022

Block-chain Specialization

Online

- University at Buffalo provided me certificate of block-chain specialization.
- Certificate Link: <https://coursera.org/share/27c48eba285848d62050a4fca6631c72>

Udemy

August 7, 2022

Ethereum Block-chain developer

Online

- I have been certified as an ethereum block-chain developer from udemy.
- Certificate Link: <https://www.udemy.com/certificate/UC-d0d812b4-fe93-4c6e-bf8c-20267e6e27e9/>

UET Taxila

September 2, 2022

Freelancing

Online

- University of Engineering & Technology provided me certificate on topic of freelancing.
- Certificate Link: <https://www.linkpicture.com/q/WET-taxila.png>

Technical Skills

- **Block-chain Developer** (Experience are on-going)
- **Web Developer** (Experience are on-going)
- **Crypto Trader** (Almost 1 year above experience)
- **Graphic Designer** (Experience are on-going)

Languages: Solidity, Java-Script Type-Script, Node.js, and HTML/CSS.

Frameworks: Express.js, Kafka, Next.js, Hardhat, Truffle, Bootstrap, Tailwind, Material-UI.

Library: React.js, Ether.js, Web3.js, Mongoose, Mocha & Chai, Redux-toolkit.

Database: MongoDB.

Developer Tools: Trading-View, Photoshop, Illustrator, Canva, Remix, Vs-Code, Ganache, Metamask.

Education

University at Buffalo (Coursera)

November 3, 2022(Completed)

Block-chain Specialization

Online

Institute of Emerging Career (IEC)

November 26, 2022(Completed)

Block-chain Graduation

Online

Udemy

August 7, 2022(Completed)

Ethereum Block-chain development

Online

Suffa Computer

April 2022 – On-going (Completed)

MERN Stack Development

Karachi-Sindh

