

# Duaa Azhar

## Blockchain Developer

Passionate Blockchain Developer skilled in crafting innovative decentralized solutions to revolutionize industries. With a knack for turning complex concepts into user-friendly applications, I'm dedicated to driving blockchain technology forward, one block at a time.



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## WORK EXPERIENCE

### Blockchain Developer Eritheia Labs

10/2022 - Present Lahore, Pakistan  
Product + Service based company handling several top paced projects

#### Achievements/Tasks

- Reflection tokens implementation with the ERC20 standard tokens along with the minting and burning by maintaining the reflection token supply.
- UniswapV2 tradable tokens, with generation of LP tokens, tax deduction for buying and selling of tokens, blacklisting the tokens for specific trading period, generating profits for whitelisted members.
- Smart contracts implementation with automatic minting and burning to maintain the supply and balancing the market cap.
- Smart contract development in Plutus| Haskell| Helios| Mesh| Cardano serialization
- Development of Minting, staking, NFT marketplace, Vesting scripts in Cardano
- Collaborating with team to develop high quality software solutions.
- Integration of smart contracts with frontend mainly through web3.js and ether.js

### Blockchain Developer Kryptomind

03/2022 - 10/2020 Lahore, Pakistan  
An altogether blockchain based company, handling highly efficient decentralized applications

#### Achievements/Tasks

- Smart contract development in Solidity, OpenZeppelin.
- Developing condition-based contracts using Solidity and deploying smart contracts in testnets and mainnets.
- Tokens and NFT minting in Algorand Blockchain.
- ERC20, ERC721, enumerated ERC721 contracts.
- Staking pools creations, rewards generation, locking and unlocking assets in staking pools. Digitalisation of prize bonds in the form of NFTs.
- NFT marketplace, bidding of NFTs, creating auction, sell your NFT on highest bid, cancel auction and bid.
- CLI based NFTs and assets minting on Cardano Blockchain.
- Customized tokens and NFTs sharing with application of specific tax deductions for specific buyers.

### Trainee Engineer Aldaim Solutions

12/2021 - 03/2022 Lahore, Pakistan

#### Achievements/Tasks

- React Native App Development, learning to troubleshoot, bitbucket cloning.
- Front End Development, WordPress Development, Shopify, and the maintenance of personal and e-commerce websites, products uploading, page updating.

## SKILLS

Solidity web3Js EtherJs ReactJs Ethereum

Cardano Plutus Haskell Helios Polygon

BSC Javascript Excel Wordpress/ Woocommerce

MeshJs OpenAi

## PERSONAL PROJECTS

### Decentralized Portfolio

- <https://github.com/DuaaAzhar/DecentralizedPortfolio>

### StakeMania

- <https://github.com/DuaaAzhar/StakeMania>

### DigitalBond

- <https://github.com/DuaaAzhar/DigitalBond>

### RoyalMintBox

- <https://github.com/DuaaAzhar/RoyalMintBox>

### Voting Dapp

- <https://github.com/DuaaAzhar/RoyalMintBox>

## EDUCATION

### Bachelors in Computer Science - CGPA: 3.81 Silver Medalist

### University of Management and Technology

2018 - 2022 Lahore, Pakistan

#### Courses

- FYP (Sign Language Recognizer) -- AI Based model to make the deaf people communicate with technologies like Google Assistant with the help of their sign language gestures.