

# Adil Yasin

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## EDUCATION

### GHULAM ISHAQ KHAN INSTITUTE

BACHELOR OF SCIENCE IN  
COMPUTER ENGINEERING  
August 2019 - June 2023 | Topi, PK

## COURSEWORK

### UNDERGRADUATE

Object Oriented Analysis and Design  
Operating Systems  
Data Structures and Algorithms  
Software Engineering  
Database Management Services  
Internet of Things  
Dev Ops  
Full Stack Web Development

## SKILLS

### PROGRAMMING

Languages

JavaScript • TypeScript • Solidity • Shell  
• Python • Java • C/C++ • HTML • CSS

Framework

Next.js • React.js • Node.js • Express •  
Hardhat • Truffle • TailwindCSS

Database

Pocketbase • MySQL • MongoDB •  
Firebase

Cloud Services

Docker • AWS • GitHub • Vercel • Netlify

## CERTIFICATES

- The Complete 2022 Web Development Bootcamp - Udemy
- Next.js and React - The Complete Guide (incl. Two Paths!) - Udemy
- Python Basics (University of Michigan) - Coursera

## EXPERIENCE

### FIVERR | BLOCKCHAIN DEVELOPER

June 2022 – Present

- Developed 40+ decentralized web applications and pushed them into production on Ethereum, Polygon, Avalanche, Astar, Moonbeam and Binance Smart Chain.
- Developed, tested and deployed 50+ fungible token, Non Fungible Tokens, Governance, Staking and custom smart contracts on the mainnet.
- Developed several NFT Minting websites, token/nft staking, dao and token presale web applications using Next.js, React.js, TypeScript, TailwindCSS and pushed them into production using Vercel, Netlify, Docker and AWS.

### MINDSTORM STUDIOS | GAME PROGRAMMER APPRENTICESHIP

June 2022 – August 2022 | Lahore, Punjab

- Built a prototype game called "Stick man" based on theme of childhood games using Unity.
- Added 3 levels of user difficulty which increased with game levels.
- Wrote C Sharp scripts to provide instructions for the character model and access controls such as movement and actions.

## INDEPENDENT || ACADEMIC PROJECTS

### NOX - PLATFORM FOR VERIFICATION OF OFFICIAL DOCUMENTS Final Year Project

- Performed requirement elicitation, designed 12 UML diagrams and 5 UI prototypes on Figma.
- Developed the decentralized application using TypeScript on Next JS as the full stack framework, Solidity as the smart contract language on Polygon Mumbai Testnet. Creation of the Nox token, its liquidity pool, and swapping of NOX/ETH pair using Uniswap and Ox API.
- Created User profiles on Pocketbase, and internal wallets using Ethers.js for encryption and decryption of official user documents to store safely in the smart contracts.
- Performed wallet integration using Rainbowkit, Web3Modal, WAGMI, smart contract integration using Ethers.js and Node providers using Alchemy.

### PAGAVE PLATFORM - PLATFORM FOR SUBSCRIPTION AND PURCHASE OF VIDEO CONTENT

- Developed the full stack application using TypeScript on Next 13 for server and client side rendering, styling using TailwindCSS, DaisyUI, and designed the user profiles on Pocketbase
- File storage on Pocketbase and InterPlanetary File System (IPFS) using Web3Storage API.
- Developed a custom smart contract for managing subscriptions and custom transactions for direct purchase of products.

### DAO - DECENTRALIZED CROWDFUNDING USING DAO TOKENS

- Developed 3 custom smart contracts: Governance, Treasury and DAO Token smart contracts on Remix IDE.
- Developed the full stack application on Next 13, styled using TailwindCSS and DaisyUI.
- Wallet Integration and authentication using Rainbowkit, smart contract integration using Ethers.js and WAGMI.