

# MD Ayaan Siddiqui

Full Stack Blockchain Developer

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[moayaan.eth](https://moayaan.eth) | [Linkedin](#) | [Github](#)

## EDUCATION

University of Studies Guglielmo Marconi

- Master of Business Administration in Blockchain Management

Italy

Oct 2024 – Present

## WORK EXPERIENCE

### Digichain (Bitcoin Defi Stablecoin Platform)

Remote

Contract based Blockchain Developer

Aug 2024 – Present

- Developed and deployed smart contracts for LST, Trove Manager, and faucet on nearly 30+ EVM chains.
- Integrated more than 5 Bitcoin wallets and also smart contracts into the website, ensuring seamless user experience and robust backend interactions.
- Led a team of 4, managing website development tasks.
- writing testing scripts in Hardhat, and coordinating project activities to achieve timely delivery.

### Cypherock (Crypto Hardware Wallet)

Gurgaon, India

Full Stack Developer Intern

Apr 2024 – Jul 2024

- Developed new features using Electron.js and React.js for Cypherock's desktop software wallet, Cysync.
- Conducted thorough end-to-end testing with Jest to ensure the wallet's functionality and reliability.
- Addressed user-reported bugs and issues, significantly improving the overall user experience.
- Collaborated closely with the team to implement enhancements based on feedback and usability testing.

### D Frame (WEB3 Data Firm)

Remote

Full Stack Blockchain Developer

Dec 2022 – Mar 2024

- Designed and built interactive front-ends for two websites, integrated backend systems for three websites, and developed backend REST APIs with authentication and authorization for one.
- Created a Chrome Extension for data collection and storage on IPFS, and conducted extensive testing across D Frame's product pipeline to ensure scalability for up to 100,000 daily active users.
- Led a team of 2 interns, overseeing their work, providing guidance in project tasks, and demonstrating product management skills through effective team coordination and project execution, while also hiring 1 intern alongside technical responsibilities.

## PROJECTS

### AI NFT Generator | [Live Link](#) | [Github](#)

Feb 2023

- Designed and implemented an AI NFT Generator and Gasless minter as solo project using 5 technologies: **Next.js**, **Tailwind CSS**, **Hugging Face API**, **NFT Port API** and **NFT Storage API**.
- Enabled users generate NFTs based on 100,000+ queries; reduced minting cost by 100% by offering Gas-Free mints.

### PolyCloud | [Live Link](#) | [Github](#)

Sep 2023

- Designed and implemented Decentralized Storage as a standalone project using 3 technologies: **ThirdWeb**, **React**, **Tailwind**.
- Enabled users to store data to IPFS decentralized storage using **Thirdweb Storage** node with 2 options: **download** and **sharable links** for better user experience.

### ZkFund | [Live Link](#) | [Github](#)

Aug 2023

- Developed **zkFund**, a **crowdfunding platform** on **Polygon zkEVM testnet**, enabling users to **launch campaigns**, secure funding, and manage withdrawals using a robust stack including 3 technologies: **React**, **Tailwind CSS**, and **Thirdweb**.
- Integrated **Hardhat** for smart contract deployment and **Solidity** for 1 smart contract development, enhancing platform reliability. **React Hot Toast** was utilized to improve user notifications and engagement with nearly 10 toasts used across website.

## SKILLS

- Technical Skills:** MERN stack, Next.js, web3.js, Solidity, Hardhat, Foundry, Smart Contract Development, Smart Contract Security, DeFi, Git, Blockchain Research, Google Cloud/AWS, Generative AI, Prompt Engineering
- Non-technical skills:** Project Management, Product Management, Product Analyst, HR Management, Strategic Leadership

## ADDITIONAL

- Languages:** Conversational Proficiency in English, Native Speaker in Hindi
- Certifications & Training:** 1. Ethereum Blockchain Developer 2. Web Developer 3. Polygon Edge Development 4. Node.js
- Achievements:** Participated in UrHackthon; Participated in SWOC Hackathon
- Soft Skills:** Team Work, Research and Investment, Communication and Planning.