



FAHIM AHAMED

Blockchain & full stack Developer

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Blockchain & Full Stack Web Developer

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Professional Summary

I, **Fahim Ahamed**, am a highly skilled **blockchain developer** and **full-stack software engineer**, specializing in advanced blockchain platforms such as **Ethereum, Binance Smart Chain (BSC), Polygon, Solana, SEI, Cardano, Polkadot, Optimism, and Avalanche**. My expertise lies in designing and implementing **smart contracts, Decentralized Applications (DApps), and DeFi protocols**, leveraging cutting-edge technologies to deliver secure, scalable, and efficient solutions.

I am proficient in programming languages including **Solidity, Rust, Aiken-lang, Vyper, and Clarity**, enabling the development of robust smart contracts tailored to complex use cases such as token creation, governance, staking, and cross-chain interoperability. My skills extend to implementing **token standards** like **ERC-20, ERC-721, ERC-1155, and BEP-20**, as well as integrating **Layer-2 solutions, oracles, and decentralized storage systems**.

With a comprehensive understanding of consensus mechanisms, cryptographic protocols, and blockchain scalability techniques, I am committed to pushing the boundaries of innovation in Web3 technology. My mission is to empower businesses and communities by creating transformative blockchain solutions that redefine the digital landscape.

Education

Bachelor of Science in Computer Science
[Varendra University], [Rajshahi,Bangladesh]
Graduation Date: [12, 2018]

Relevant Coursework:

- Object-Oriented Programming
- Data Structures and Algorithms
- Software Development Life Cycle
- Database Management Systems
- Game Development
- Blockchain Development
- Full-Stack Software development
- Web Design
- React, Vue, javascript, node js

Technical Skills

• Programming Languages:

all blockchain smart contract, solidity, rust, aiken-lang, haskell etc.

• Frameworks & Tools:

Spring Boot, Hibernate, Struts, Maven, Gradle

• Database Management:

MySQL, Oracle, PostgreSQL, MongoDB

• Development Tools:

Eclipse, IntelliJ IDEA, Git, Jenkins

- **Other Skills:**

RESTful API Development, Microservices Architecture, Multithreading, Unit Testing (JUnit), Docker, Kubernetes, smart contract development, unity, unreal engine, C#

- **Cloud Platforms:**

AWS (EC2, S3, RDS), Microsoft Azure

- **Soft Skills:**

NFT Art, Problem-solving, teamwork, adaptability, attention to detail

Professional Experience

Senior Blockchain Developer and game developer and NFT Artist

[Plooty and AnAi], [USA, Alaska(Remote)]

[Jan, 2022] - Present

- Developed and maintained Full-Stack NFT Marketplace Development in cardano chain.
- Designed and implemented blockchain in RPG game for polygon blockchain.
- Created RESTful APIs to integrate external systems and third-party services.
- Optimized database queries and implemented caching strategies, improving application performance by 30%.
- Led a team of 4 developers in agile sprints, ensuring timely delivery of features and bug fixes.

Blockchain Developer

[Easital Technologies], [Dhaka, Bangladesh]

[Jan 2021] - [Dec 2022]

- Blockchain Development NFT Marketplace.

- UI/Ux Design for NFT Marketplace.
- REST API and database integration.

Projects

MetaMorphosis - An AI-Driven NFT Marketplace & Blockchain Game on Polygon (*Team Project*)

- **AI-Driven Dynamic NFTs**

- NFTs evolve based on user activity, such as:
 - Gameplay milestones.
 - Marketplace trading patterns.
 - AI-generated narratives shaped by the user's choices.
- Example: A sword NFT starts as a basic weapon but transforms into a legendary artifact as the player completes in-game quests or trades it with other high-level players.

- **Narrative-Integrated NFT Evolution**

- Each NFT comes with a unique AI-generated backstory that adapts to user actions.
- Example: A dragon NFT grows wings and gains a fiery aura when its owner participates in a special in-game event or achieves a set number of trades.

- **Gamified NFT Marketplace**

- Combine traditional NFT trading with gamification:
 - Users unlock rewards, such as rare NFT skins, for completing trading challenges or volume milestones.
 - Limited-edition NFTs are released during themed marketplace events tied to game lore.

Open-Source Contributions

- Contributed to the Spring Framework by resolving bugs and improving documentation.
- Developed utility libraries for Java that are actively used by the developer community.

Certifications

- Oracle Certified Professional: Java SE 11 Developer
- AWS Certified Developer - Associate
- Spring Professional Certification

References

anai.netlify.app, pooty.xyz