Atosi Das

Blockchain Developer

Howrah, West Bengal, India

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EDUCATION

Indian Statistical Institute(ISI), Kolkata — Kolkata, India
M.Tech in Cryptology and Security, **Percentage-70** — *08/2022 - 06/2024*

Visva-Bharati University, Santiniketan — Santiniketan, India
M.Sc in Mathematics, **CGPA-8.93** — *08/2019 - 07/2021*

Bijay Krishna Girls' College, Howrah — Howrah, India
B.Sc in Mathematics, **Percentage-66.7** — *06/2016 - 05/2019*

Jhapordha Duke Institution, Domjur — Domjur, Howrah
Higher Secondary Examination, **Percentage-87.8** — *03/2016*

Begri Girls' High School, Begri — Begri, Domjur
Madhyamik Examination, **Percentage-76.7** — *03/2014*

INTERNSHIP/EXPERIENCE

6 months Internship at SAG Labs, DRDO — Delhi
Cryptography Researcher — *01/2024 - 06/2024*

- Analysis of the **Cryptographic Primitives** in Blockchain Technology
- Evaluate **the security aspects** of key primitives, including **MD5, SHA1, SHA2, ECDSA, ECDLP**

Summer Internship 2023 at IIT Patna under Professor Raju Halder — Online
Blockchain Research Intern — *05/2023 - 08/2023*

- Acquire foundational knowledge in **Blockchain Technology** and actively engage in practical applications using **Hyperledger Fabric**.
- Learn to **Go language** and write a straightforward **Chaincode for Hyperledger Fabric**.
- Contribute to a **Metaverse project**, applying learned skills in a real-world context.
- As a team member, collaborate with the other team members and also learn from them.

PROJECTS

ERC20 Token Implementation — 10/2023

- Simple implementation of **ERC20** Token using Solidity

Ethereum DApp — 09 2023

- A simple decentralized application written in **Solidity** and **React**

Voting DApp — 08/2023

- Write a **Smart Contract** using **Solidity language** and make a decentralized application using **React**.

INTERESTS

- Blockchain
- DeFi
- DApp
- Hyperledger Fabric
- Smart Contract
- Ethereum
- MPC
- Hashing
- Digital Signatures
- Zero-Knowledge
- ZK-SNARK
- ZK-STARK
- Commitment Schemes
- Mathematics
- Elliptive Curve Cryptography

TECHNICAL SKILLS

Languages: C, Solidity, Go, HTML, CSS, JavaScript
Developer Tools: VS code, Truffle, Hardhat
Technologies/Frameworks: Linux, Windows, GitHub, Git

CERTIFICATION & ACHIEVEMENTS

- Attend Indocrypt 2023

- Certification Course in Blockchain and Solidity(Udemy)(2022 - 2023)

- Qualified GATE 2022(AIR 32) in Mathematics

- Qualified CSIR NET 2022(AIR 77) in Mathematics