Tathagata Nandi

 LinkedIn | +91-6290377154 | portofilo-website | logintotathagata@gmail.com | GitHub

Skills

- Java | SpringBoot | JavaScript | Rest API | System Design| Mockito | SQL | NextJs | React | Redux | NoSQL | Git
- AWS| Cloud Computing | Blockchain | Solidity | Ethereum | Ether.js | Hardhat – Blockchain Development
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English – *All professional proficiency or above*

Experience

Software Engineer   **Persistent Systems Limited**   *Kolkata, West Bengal*   **06/2022 - present**

- Developed a crypto payment application
  - Worked as a Blockchain developer to create a crypto payment app.
  - Designed the backend using Spring Boot for robust performance.
  - Crafted the frontend with Next.js for a modern e-commerce experience.
- Collaborated on PiCloud project
  - Currently part of a team building the PiCloud product.
  - Fulfilling the role of a frontend developer, I'm actively contributing to feature development and addressing bugs.
  - Played a key role in delivering critical features for the project which included creating AI chatbot with Python backend using OpenAI APIs.
- Engagement in the software development lifecycle
  - Involved in system requirements gathering and partner dependency analysis.
  - Developed comprehensive system designs, encompassing both the High-Level Design (HLD) and Low-Level Design (LLD) phases. This experience equips me to contribute effectively to architectural discussions and implementation strategies.
  - Balanced workloads and participated in software implementation and engineering.
  - Ensured rigorous testing and configured metrics, alarms, monitors, and dashboards.

Education

Bachelor of Technology (CGPA: 8.87)   **Academy of Technology**   *Hooghly, West Bengal*   **06/2018 - 05/2022**

- Electronics and communication

Bachelor of Technology (12th CBSE: 74.5%)   **Central Model School**   *Barrackpore, Kolkata*   **06/2018 - 05/2022**

- Physics, Chemistry, Math, Biology

Projects

- **Portfolio Website**: Created a full-stack decentralized Library management System check the live website here. **(01/2024)**
- **Decentralized Library Management System**: Created a full-stack decentralized Library management System check here. **(08/2023)**
- **NFT SMART Contract**: crafted a deployment-ready smart contract for minting and launching NFTs on OpenSea. check here. **(01/2023)**
- **SMART Contract**: also developed various smart contracts using solidity check my Github check here. **(07/2022)**

Certifications

- **Corda For Business Profesional**: Earners of the Corda For Business Professional certification have a thorough understanding of the key DLT and Corda Concepts required to work as a business professional in this industry check here.
- **Corda Certified Developer**: Earners of the Corda Certified Developer certification have a thorough understanding of the architecture of Corda and possess the development knowledge necessary to begin developing applications on Corda check here.
- **IBM Blockchain Essential**: This badge earner has developed an understanding of Blockchain principles and practices and how they can be applied within a business environment. They have an understanding of Blockchain and distributed ledger systems, the important concepts and key use cases of Blockchain, and how assets can be transferred in a Blockchain network check here.
- **Microsoft Azure Fundamentals**: Earners of the Azure Fundamentals certification have demonstrated foundational level knowledge of cloud services and how those services are provided with Microsoft Azure check here.