

Deep Mondal

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Education

IIIT Kalyani

December 2023 – June 2027

B.Tech in Computer Science and Engineering

- **CGPA:** 9.22 / 10.0
- **Relevant Coursework:** Operating Systems, Data Structure and Algorithm, Discrete Mathematics

Experience

Software Engineering Intern, Information Data Systems

June 2024 – July 2024

- Designed and implemented a private blockchain network using Hyperledger Besu as part of the university-led blockchain lab course.
- Developed a standardized reporting framework and configured a blockchain explorer, streamlining processes and reducing project delivery time by 30%.
- Gained hands-on experience in DevOps by deploying and managing blockchain nodes on AWS EC2 instances.

Open Source Contributor

March 2024 – Present

- Contributed to various open source blockchain projects of Ethereum.org, Logos collective and Rareskills Inc.
- Contributions available at: [GitHub Gist](#).

Technologies

Programming Languages: Python, JavaScript, Java, C, Rust, Golang, Solidity

Frameworks & Tools: Flutter, Node.js, Flask, React, Spring boot

DevOps & Databases: Docker, Kubernetes, MongoDB, Git, Github Actions

Projects

Blockchain project

[Github Link](#)

- An one-tap application to start a 4 validator QBFT consensus based private network using Besu client. It also sets up a Chainlens explorer.
- Tools Used: *Docker*, *Shell*

Railway Management System

[Github Link](#)

- A Java-based Railway Ticket Booking System with UI inspiration taken from Windows Task Manager GUI.
- This application allows users to book train tickets, manage passenger and platform tickets, and store data using Hibernate.
- Tools Used: *Spring boot*

Defi project

[Frontend](#) ♦ [Backend](#)

- This is a flutter crypto project which lets you earn ERC20 tokens via completing challenges. It has also live location tracking feature using free and open source api.
- Tools Used: *Flutter*, *Solidity*, *Node.js*