BIRRU VAMSHI

📞 +91 8897034099 ✉ vamshibirru8@gmail.com in [LinkedIn](#) ⭘ [GitHub](#)

Education

Bachelor of Technology, National Institute of Technology, Raipur — 2020 - 2024
Branch: Information Technology
G.P.A: 8.76/10

Intermediate, Narayana Junior College — 2018 - 2020
Marks: 983/1000

Metriculation, S.T Paul's High School — 2018
G.P.A: 10/10

Experience

National Institute of Technology, Raipur — May 2023 – July 2023
Internship

- Spearheaded the implementation of "Blockchain-Based Electronic Health Record Management using Ethereum," a pioneering project aimed at revolutionizing healthcare data management.
- Developed a user-friendly website, 'Electronic Health Records' facilitating secure and transparent management of health records.

Projects

Student Records management | *ReactJS, Solidity smart contract, IPFS, Ethereum Blockchain* | [Client](#) | [Server](#)

- Enabling students to register themselves and request the addition of academic records (e.g., marks) to the system. Secure storage of student records on IPFS after validation by the university.
- Allowing authorized parties (e.g., employers, other institutions) to request access to specific student records.
- The university acts as a gatekeeper, verifying requests and granting access to the relevant IPFS data after obtaining student consent.
- Implementation using Ethereum blockchain, Solidity smart contracts, ReactJS frontend, and integration with IPFS for decentralized storage.

Hotel Booking | *ReactJS, NodeJS, MongoDB, ExpressJS* | [Client](#) | [Server](#) | [Live Project](#)

- Built a website using ReactJS and NodeJS that enables authenticated users to search for hotels at specific locations and conveniently make bookings at any time.
- Developed and implemented a MongoDB-based database architecture to store and manage comprehensive hotel information enhanced system scalability.

Technical Skills

- **Languages**: C++, HTML, CSS, Solidity
- **Technologies/Frameworks/Libraries**: ReactJS, NodeJS, ExpressJS, MongoDB, SQL, Ethereum, IPFS, Web3.js, Hardhat, Ethers.js
- **CS fundamentals**: Data Structures and Algorithms (DSA), OOPS, OS, DBMS

Achievements

- Secured Global rank **179** in Leetcode's Biweekly contest, among 29000 participants.
- Secured Global rank **1069** in Leetcode's weekly contest, among 25000 participants.
- **Knight** (max rating **2008**) in **Leetcode**

Profile Links

- Leetcode
- GeeksforGeeks
- Coding ninjas
- Codeforces