

HARSH

9729837834 / [Mail](#) / [GitHub](#) | [Linkedin](#)

TECHNICAL SKILLS

Languages: Rust, JavaScript, Solidity, C/C++, Python, HTML/CSS

Frameworks: React.js, Node.js, Express.js, Web3.js, Eth.js, Tailwind CSS, Bootstrap

Developer Tools: Git/GitHub, Remix IDE, Truffle, Hardhat, MetaMask, Pinata, Ganache

Databases: MongoDB, IPFS

EXPERIENCE

Full Stack Web Developer

March 2023 – June 2024

CrowdBust | Remote

- Operated as a freelance Full Stack Web and **Blockchain Developer** for an early-stage **startup**.
- Engineered over **3 full stack** web applications and developed **5+** optimized **smart contracts** for Blockchain clients.
- Successfully onboarded and managed relationships with **multiple clients**, ensuring seamless communication and understanding of their unique requirements.
- Delivered more than **10** high-quality **applications** on time, consistently meeting and exceeding client expectations.
- Implemented **innovative Blockchain solutions** to enhance application performance and user experience, leading to increased client satisfaction and retention.

PROJECTS

Vaultify / *MERN stack, JavaScript, Solidity, Web3.js, IPFS*

[LINK](#)

- Published a **full-stack dapp** using the **MERN** stack and Blockchain technology, enabling secure image storage on the **IPFS** network. This resulted in a **40%** reduction in data **retrieval** time.
- Implemented **encryption - decryption** of data using **cryptography** and wrote optimized code to reduce gas fees.
- Utilized **DSA** concepts and pagination, reducing server load by almost **50%** and enabling **fast** and **light loading**.
- Employed MetaMask and JWT for **authorization and authentication**, preventing security breaches.

Free Flow / *JavaScript, React.js, Node.js, Solidity, Web3.js, CSS*

[LINK](#)

- Developed a **dapp chat application** enabling real-time communication with **P2P encrypted messages**. Supported **1000+** **concurrent users** with seamless performance and designed an intuitive, minimalistic UI.
- Implemented MetaMask login functionality, allowing users to log in with their username while automatically detecting the account address from the wallet, enhancing **user convenience** and reducing login time by **30%**.
- Wrote **robust smart contracts** providing features such as *user discovery, manual friend addition via account address, chat sections, and friend search*, handling up to **10,000** transactions per second (**TPS**) to ensure scalability and efficiency.

LedgerKYC / *JavaScript, React.js, Node.js, Solidity, Eth.js, Web3.js, CSS*

- Engineered a **dapp KYC verification** web application for secure and transparent KYC processing.
- Developed **different portals** for organizations, users, and an admin portal, facilitating efficient management with the ability to *add or remove organizations dynamically*.
- Designed and launched a seamless login and **document upload system** utilizing IPFS for secure, **temporary storage**, resulting in **50% reduction** in document **verification time** and enhanced user experience.
- Once verified, any existing organization can request any users' documents and user can **accept and delete request**.

EDUCATION

Chandigarh University

Bachelor of Engineering in Computer Science

Mohali, Punjab, IN

Aug. 2021 – Present

ADDITIONAL QUALIFICATIONS

- Extensive experience with developing, testing, deploying, and maintaining secure smart contracts for Blockchain dapps.
- Proficient with DeFi concepts, Rust, Zk protocols and strong analytical skills and web3 technology experience.
- Experience with upgradable smart contracts and good understanding of maths, statistics, and problem-solving.