

SHRIMAN VIJAY

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Education

Jaypee University of Engineering and Technology

2022 - Present

Bachelor of Technology in Computer Science and Engineering

CGPA: 7.3

Maa Bharti International School, Kota

2021 - 2022

Class XII

Percentage: 80%

Maa Bharti International School, Kota

2019 - 2020

Class X

Percentage: 86.8%

Work Experience

Backend Developer Intern | [KTPS, Kota](#)

Dec 2024 – Jan 2025

- Constructed **5+ backend modules** using **Node.js** and **Express.js**, enhancing cybersecurity events logging accuracy by **20%** in OT networks.
- Integrated secure **RESTful APIs** with role-based authentication and improving data handling accuracy by **25%**.
- Streamlined alert storage using **MongoDB**, enabling faster retrieval and improving audit trail accessibility by **30%**.

Blockchain Developer Intern | [Blockverse Infotech Solutions](#)

Apr 2024 - Sep 2024

- Engineered **10 + secure smart contracts** on Ethereum, optimizing execution and reducing transaction costs by **15%**.
- Implemented **dApps** on blockchain networks, enhancing **functionality** and increasing user satisfaction for **500+** users.
- Secured smart contracts by applying best practices, **reducing vulnerabilities** and **improving reliability** by **30%**.
- Revamped dApp architecture with cross-functional teams, achieving a **25% boost** in deployment speed and scalability.

Projects

BookLoop Platform | [React.js, Node.js, Express.js, HTML/CSS, JavaScript](#) ([View Project](#))

Feb 2025 – Apr 2025

- Architected a scalable full-stack **platform** allowing users to **request** and **fulfill 50+ book PDFs**, fostering a **community-driven** knowledge network.
- Orchestrated a **rewards system** that boosted user participation by **40%**, enhancing engagement and platform loyalty.
- Optimized **file upload** and **authentication**, reducing upload latency by **25%** and securing sessions without databases.

Decentralized MedRec System | [Solidity, React.js, Ether.js, Node.js, IPFS](#) ([View Project](#))

May 2024 – Jul 2024

- Developed a decentralized **medical record system** on **blockchain**, ensuring robust patient **privacy** and **integrity**.
- Achieved a **30% improvement** in data retrieval **speed** and **security** by integrating **blockchain** with **IPFS**.
- Enhanced **smart contracts** and **front-end** functionality, enabling seamless access for **50+ authorized medical professionals** and reducing access time by **20%**.

File Sharing DApp | [Solidity, React.js, Ether.js, IPFS, MetaMask](#) ([View Project](#))

Mar 2024 – Apr 2024

- Designed and developed a secure **blockchain-based file-sharing platform** on **Ethereum** that reduced data retrieval time by **25%**, enabling users to upload, store, and share files with access control for specific **MetaMask addresses**.
- Innovated decentralized file storage using **IPFS** and **Pinata API**, increasing platform retrieval reliability by **20%**.
- Refactored **smart contracts** and **front-end**, boosting platform efficiency and improving user experience by **15%**.

Technical Skills

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

Frameworks & Libraries: React.js, Node.js, Express.js

Developer Tools: VS Code, Git/GitHub, Postman, MongoDB Compass, MySQL

Blockchain Tools: Remix IDE, Hardhat, Geth, Ganache, Ethers.js

Core Competencies: Data Structures & Algorithms, DBMS, SQL, Operating Systems, OOPs

Achievements & Certifications

- Secured **1st Runner-Up** among **200+ teams** at **HACKTRON 25** inter-college hackathon.
- Qualified for **SIH 2024** Internal – Selected among the **top 5** out of **50+ teams** for building an Alumni platform.
- Cleared **Round 1** of the **HP Power Labs** Assessment Test on Unstop.
- Completed **Blockchain Fundamentals Certification** – [Chainlink](#) - Apr 2025.
- Completed **Blockchain Foundation Course** – [Infosys Springboard](#) - Nov 2024.

Extracurricular

- Joint Secretary, CSI Development Club:** Organized **5+ technical events** and workshops, including a hackathon with **100+ participants**, fostering hands-on collaboration and innovation among tech enthusiasts.
- Cricket Team Member:** Captured **Gold** medal in inter-year cricket tournaments, demonstrating leadership, teamwork, and strategic thinking.