

MANOJ SHRESTHA

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Education

Vishwa Adarsha College

2018 - 2020

Higher Secondary Level

Itahari Sunsari

- Computer Science — **GPA: 2.72**

Godawari College

Expected Graduation: 2025

BSc Computer Science and Information Technology (BSc CSIT)

Itahari Sunsari

- Courses: Software Engineering, Database Management System, Operating Systems, Computer Architecture, Model-Based Programming, Discrete Structures, Data Structures and Algorithms

Projects

Blockchain Voting System | *Website* | *Source Code*

MERN stack | **Solidity** | **Ethereum**

- Developed and deployed a secure and transparent online voting platform using blockchain technology to ensure tamper-proof election processes.
- Designed and implemented user-friendly interfaces for voter registration, voting, and results visualization using **Next.js**, **React**, and **JavaScript**, ensuring an intuitive and responsive user experience.
- Collaborated with backend developers to integrate Ethereum **smart contracts** via **Web3.js/Ethers.js** and **MetaMask** for secure blockchain interactions.
- Utilized **MongoDB** for off-chain data handling and optimized blockchain interaction through tools like **Ganache** and **Postman** for seamless testing.

Volunteer Work

Otaku Festival Itahari

Apr 2023 – Nov 2024

Organizer

Itahari Sunsari

- Managed sponsorships, securing funding and partnerships.
- Promoted the event via social media, boosting attendance.
- Oversaw event activities to ensure smooth execution.

Soft Skills

Problem-solving mindset, teamwork, attention to detail, and leadership.

Strong communication skills, adaptability, and eagerness to learn new technologies.

Technical Skills

Languages: Java, MySQL, HTML5, CSS, JavaScript, C, C++, C#

Developer Tools: Git

Libraries/Frameworks: ReactJS, NextJS, NodeJS, Express.js

Designing Tools: Figma