

# MANOJ SHRESTHA

☎ (+977-9804030403)   ✉ stha8841@gmail.com   🌐 github.com/ManojScripts-dot   📱 manoj-shrestha.netlify.app

## Education

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### 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

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### 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

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### 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

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

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

## Technical Skills

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

**Developer Tools:** Git

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

**Designing Tools:** Figma