# OM SHRIDHAR GOLE

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## Education

**Vivekanand Education Society's Institute of Technology — CGPA: 9.07/10**     **Aug 2020 – May 2024**
*Bachelor of Engineering in Computer Science*     *Mumbai, Maharashtra*

**Swami Vivekanand High School and Junior College— Percentage: 87.6**     **2018 – 2020**
*HSC Board*     *Mumbai, Maharashtra*

## Projects

**HappyReader** | *React, Redux, Express, Node, Tailwind* | **Github**, **Video**, **Live**     **December 2022**
- Happy Reader is an **e-commerce** website for buying books. The app provides **CRUD** functionality for **Books**, **Cart** and **Orders**.
- The app provides a separate **Admin Dashboard** to perform CRUD operations on Books.
- Used **Cloudinary** to store images of books, **Tailwind.css** to create a responsive UI and **JWT Tokens** for authentication and authorization.
- Used **Stripe** to accept payments and **Stripe Webhooks** to dynamically store Orders to database.

**MusicBoxx** | *React, Solidity, IPFS, Ethers.js* | **Github**, **Live**     **Feb 2023**
- MusixBoxx is a **decentralized NFT marketplace** where **artists and collectors** can come together to **buy, sell, and trade** unique music assets in the form of **NFTs**.
- Implemented a **royalty sytem** where the **original Artist** of the Music NFT receives **10% of the total profits** on each subsequent NFT trade and provided **list and unlist for sale** functionality for the **owner** of the **NFT**.
- The Music NFTs are implemented according to the **ERC-72**1 standard. The app uses **IPFS** to store and retrieve **image, audio** and **JSON metadata** files.

**Quick Chat** | *React, Node.js, Socket.io* | **Github**, **Video** , **Live**     **May 2023**
- QuickChat is a **real-time** chat application. The app allows users to create **chat rooms**, send **files** and **messages** in real-time.
- The app supports secure and efficient **file transfer**, allowing users to send and receive files of various types such as **mp3, mp4, jpeg and png**.
- Used **Socket.io** library, which facilitates **bi-directional communication** between the server and clients, used **Tailwind CSS** to create a **responsive UI**.

**Where in the World** | *React* | **Github**, **Video**, **Live**     **November 2022**
- Where in the world is a web application that provides information about numerous countries. It provides information such as **population**, **currency**, **neighboring countries**, etc.
- Used **Asynchronous** Javascript to fetch information about various countries from the **REST Countries API**.
- Used **CSS** to create a **responsive UI**. Added Light and Dark **toggle functionality** .

## Technical Skills

**Languages**: JavaScript, Java, Solidity
**Developer Tools**: VS Code, Git, Github
**Technologies/Frameworks**: React.js, Redux, Express.js, Node.js, MongoDB, IPFS, Ethers.js

## Leadership / Extracurricular

**Codecell**     **September 2021 - Present**
*Web Developer*     *VESIT*
- Served as a member of the codecell team, where I was responsible for managing various events such as workshops and hackathons. This included tasks such as organizing logistics, promoting the events, and coordinating with stakeholders.
- Cleared doubts of students related to various web technologies.
- Successfully designed and managed the official codecell website, and consistently oversaw all aspects of site maintenance.

## ACHIEVEMENTS

- Solved 200+ Data Structures and Algorithm problems on various coding platforms such as Leetcode, GeeksforGeeks, InterviewBit, etc.