

EDUCATION

10th SSC - 93.8%
(2019)
Sri Ma Vidyalaya, Thane

Diploma in IT - 96.13%
(2019 - 2022)
VPM's Polytechnic, Thane

B.E. in IT - 9.53
(2022 - 2025)
Terna College of Engineering, Nerul

PROJECTS

PROJECT 1: GitStake (Ongoing)

- Currently developing a Web3.0 decentralized application using Solidity and Ethereum to incentivize and prioritize solutions for GitHub issues and open source contributing through pull requests through staking.
- The system allows users to stake tokens on issues, with stakers displayed to the issuer in descending order of stakes for solver selection, promoting active and transparent collaboration.
- Implementing smart contracts for efficient stake management and issuer-based solver selection to enhance open-source project contributions.

PROJECT 2: Smart Platform Interface using IoT and Python

- Designed an automated platform crossing system using Arduino, an ESP32 camera and Python-based object detection.
- The system utilizes real-time signals to open access for passengers when a train departs and close it when a train approaches, ensuring safety and efficiency.
- Currently in the process of submitting a research paper on this innovative solution, which eliminates the need for bridges and allows seamless platform crossing for passengers.

PROJECT 3: SoulSpeak

- Recipient of the **Major Hacking League: M5GO IoT Starter Kit at HackByte 2.0** for the best utilization of MongoDB.
- Collaborated with 4 members and developed a web application, made using MERN stack, designed to provide a safe and anonymous space for individuals struggling with mental illness to connect and seek support.
- Contributed in website's front-end, logo, managed database operations and routing.

PROJECT 4: SPORTIFY

- Developed a multi-user JSP based web project for CCMS (Cricket Clubs Management System) with 50+ pages and features.
- Engineered Cricket Clubs Management System to manage the details of cricket club activities, equipment's, members, coaches, practice sessions, 3D club's shop and other clubs' activities majorly during Covid.
- Technologies Used - JSP, Apache Tomcat, ThreeJS, Verge3D and Blender, MySQL workbench, Bootstrap

PROJECT 5: LOCAL कारोबार

- Designed a website with a focus on fostering growth and connectivity, the website serves as a hub for small-scale shops, wholesale and retail businesses, local vendors, and freelancers ranging from artists and skilled traders to essential service providers like milkmen, plumbers, and maids.
- Technologies Used - Figma, Inkscape, MERN stack (MongoDB, Express, React, Node)

PROJECT 6: DApps (Lottery, NFT Marketplace, Fund Me)

- Experienced in developing decentralized applications (dApps) leveraging Web3 technologies, including creating a lottery platform, NFT marketplace, and crowdfunding solution.
- Proficient in Solidity smart contract development, integrating with Etherscan and using Hardhat for testing and deployment.

PROJECT 7: Akshaypatra

- A web application, made using MERN stack, aimed at bridging the gap between restaurants and non-governmental organisations (NGOs) to facilitate the donation of excess food to those in need.
- Contributed in designing frontend and implementing of features that streamlined the process of food donation, allowing restaurants to easily connect with NGOs and contribute to initiatives combating hunger and food waste.

SKILLS

Frontend Technologies

Languages: HTML5, CSS3, JavaScript
Frameworks/Libraries: Bootstrap, ReactJS, ThreeJS, Zustand, NextJS
Apps: Figma, Spline, InkScape

Tools

Version Control: GitHub, GitLab
DevOps: Docker

Backend Technologies

Languages: Solidity, NodeJS, PHP, JSP
Web3 Tools: Hardhat, Etherscan, TheGraph, Chainlink
Frameworks: ExpressJS, RESTful API, OpenCV, Numpy
Databases: MongoDB, MySQL, PostgreSQL

Others

Languages: C, C++, Java, Python, VB.NET
Data Structures and Algorithm

CERTIFICATION AND COURSES

- [Udemy - Fintech Product Management](#)
- [Udemy - PHP for Beginners - Become a PHP Master - CMS Project](#)
- [Nptel Swayam - Problem solving through programming in C](#)
- [CODSOFT Internship based on Web Development](#)
- [freecodecamp.org - Blockchain, Solidity Full Stack Web3 Development with JS - 32-Hour](#)

ADDITIONAL INFORMATION

- Languages:** English, Marathi, Hindi
- Hobbies:** Designing, Painting, Yoga and Exercise, Travelling