

Vivek Sahu

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EDUCATION

12th BOARDS - New English High School & Junior College - March 2021
B.E IN COMPUTER ENGINEERING - Lokmanya Tilak College of Engineering - Current

INTERNSHIP & HACKATHONS

Frontend Development (Internship) | [GoRegal](#) - Jan 2024 – March 2024

1. Gained experience with **Next.js**.
2. Integrated **Mapbox** with Next.js to display **live bus locations** on a map.
3. Used **Firebase Cloud Messaging** (FCM) with **Progressive Web App** (PWA) for notifications.
4. Created major pages like login, home, map-rendering using **Tailwind CSS** and Next.js.

Hack Sparrow (Hackathon) | Terna Engineering College | [Live Link](#) - 22 Mar – 24 Mar 2024

1. **Won first prize** at Hack Sparrow.
2. Built a prototype to **analyze mental health**.
3. Integrated a fully functional **payment** system using **Razorpay**.
4. Implemented **anonymous** support chat with **profanity checks** using **SHA-256 encryption**.

VCET (Hackathon) | Vidyavardhini College of Engineering | [Live Link](#) | [Source Code](#) - Oct 2023

1. Secured **2nd runner-up** position in VCET hackathon.
2. Developed a system using **Soulbound Tokens** (SBT) to verify certificates.
3. Generated **verifiable QR codes** that can be scanned to check the authenticity of certificates.
4. Retrieved on-chain data to **create SVG files**, providing users with a download option.

PROJECTS

FRAMES by Half Engineers | [Live Link](#)

1. Developed an e-commerce website using Next.js and ShadCN.
2. Utilized Redux Toolkit for state management.
3. Integrated Firebase Firestore for database management and Firebase Auth for user authentication.

STREAMER | [Live Link](#) | [Source Code](#)

1. Built an online streaming platform using Reactjs and ShadCN.
2. Implemented CRUD operations for video content.
3. Managed state using React Redux.

Technologies & Soft Skills

- HTML, Javascript, CSS, Tailwind CSS, Reactjs, Nextjs, Redux Toolkit, Git/Github. Firebase, Postman
- Communication. Problem-Solving, Time Management, Self-Motivation