Mahendra Dewangan

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EDUCATION

Vishwavidyalaya Engineering College   *Ambikapur, C.G.*
B. Tech in Computer Science and Engineering   *2020 - 2024*
- Coursework - DSA, DBMS, OS, Computer Network, OOPS

EXPERIENCE

Freelancing   *Remote*
Web Developer   *Present*
- Developed an online doctor appointment system website for a client, allowing users to book appointments easily.
- Created a landing page website for a tour and travel agency, enabling online booking for hotels and restaurants.
- Designed and developed a tool website for a college student, featuring functionalities such as temperature converter, currency converter, and BMI calculator.
- Tech/Tools: HTML, CSS, Javascript, Typescript, Reactjs, Nextjs, Nodejs, Express, API, MERN, Python, Flask.

HNGx Internship   *Remote*
Frontend Developer   *September 2023 – November 2023*
- Implemented a screen recording feature using JavaScript and browser APIs to capture screen/tab/window activity. Utilized Blob objects to chunk and send recorded video data to the backend via API endpoints.
- Fetched and displayed video and transcript data from the backend, synchronizing the transcript with the video playback to highlight the current word as the video progresses.
- This project enhanced user experience by providing a seamless screen recording and playback feature, improving the overall functionality and usability of the web application.
- Tech/Tools: Javascript/Typescript, React.js, Node.js, API, TailwindCSS,

PROJECTS

DeployCell - Vercel Clone app Link
Owner/Developer   - Javascript, Typescript, Next.js, React.js, Node.js, Express, API, Redis DB, Azure Containers
- Developed Deploycell, a Vercel clone, enabling seamless deployment of React applications.
- Leveraged Azure containers to store and process code fetched from GitHub, ensuring efficient build processes on the local machine and upload the blobs to the Azure container.
- Automated deployment to different Azure containers, and render the HTML, CSS, and JavaScript files after building the React project for optimal browser compatibility.

Rectify - Spotify clone app Link
Owner/Developer   - Javascript, Typescript, Next, React, HTML, CSS, Tailwind CSS, API, Nodejs
- Developed Recify, a full-fledged web application inspired by Spotify, offering users a seamless music streaming experience.
- Designed and implemented a comprehensive search feature allowing users to discover music by genre, artist, album, or track name, enhancing the overall user experience.
- Employed state management libraries such as Redux to efficiently manage the application's data flow and ensure smooth interaction between different components.
- The project received positive feedback for its responsiveness, performance, and feature-rich interface, demonstrating proficiency in front-end development and API integration.

INVOLVEMENT & LEADERSHIP

MLH Hacks (Hackathon)
Team Lead   *February   2023*
- Developed TravelEase, a smart route planner that revolutionizes travel planning by integrating weather data, car rentals, and homestay accommodations for optimized travel experiences.
- Built with React, Tailwind CSS, Firebase, Mapbox API, OpenWeatherMap API
- Ranked 3rd in Hack-celerate organized by Major League Hacking 2023

SKILLS

Programming languages: Java, Javascript, Typescript, Python, C/C++, HTML5/CSS3
Tool /Technologies/frameworks: Reactjs, Nextjs, Nodejs, Tailwind CSS, Bootstrap, Git, GitHub, Azure
Concepts: Data Structures and Algorithms, Object Oriented Design