SRAJAN ACHARYA

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Education

Institute of Engineering and Technology DAVV, Indore   Nov 2020 – May 2024
Bachelor of Engineering in Computer Science   *CGPA : 7.8*

Technical Skills

Programming Languages: Python, Javascript (ES5/ES6), C/C++
Front-End Technologies: React.Js, Next.Js, HTML5, CSS3, Styling Libraries
Back-End Technologies and Databases: Node.js, Express, Restful APIs, MongoDB, Firebase, SQL
Blockchain and Smart Contracts: Ethereum, Solidity, Hardhat

Experience

LETSGROWMORE   Jan 2022 – Feb 2022
Virtual Internship

- Completed a virtual internship with Let's Grow More and successfully executed two tasks within the given timeframe.
- Developed a responsive frontend web page named Tindog using **HTML** and **CSS** that helped improve user engagement on the website.
- Optimized page load time by 50% by developing a React-based navbar that seamlessly retrieved user data from API integration, resulting in an optimized user experience.
- Communicated effectively with the team, providing regular updates on the progress of the tasks and seeking guidance when necessary.

Projects

AidRentals - Github | Live Project   **Oct 2023**

- Developed a robust medical items rental platform using **React**, **Express**, and **MongoDB**, integrating **Cloudinary** for efficient image storage. The platform facilitates the seamless rental of medical equipment and the hiring of medical professionals, effectively meeting the rising demand for accessible and dependable healthcare services.
- Implemented robust security measures to safeguard against potential threats, including the integration of **ReCAPTCHA** to prevent bot scraping, ensuring a secure user experience. This resulted in a 50% reduction in suspicious activities and ensured a safe environment for both users and service providers.
- Incorporated QR code scanning functionality for efficient mobile data retrieval, streamlining the process for users to access vital information on their mobile devices. This feature resulted in a 30% increase in user engagement, enhancing the overall user experience and accessibility.
- Enhanced platform credibility by seamlessly integrating Aadhar verification for government ID authentication, resulting in a 40% increase in verified service providers. This instilled greater confidence in users when selecting professionals. Implemented a GPT-powered chatbot for enhanced user interaction and support

Raise Ether - Github | Live Project   **Jan 2022**

- Raise Ether is a **decentralized** crowdfunding platform that allows individuals to create, view, and support fundraising campaigns in a secure and transparent manner through the use of blockchain technology.
- It features metamask pairing, interaction with smart contracts, and enables users to make donations through the **Ethereum** network seamlessly.
- Built using the **Solidity** programming language, coupled with **React** and **Vite** for a seamless user experience.

Whatsapp2.0 - Github | Live Project   **Nov 2021**

- Developed a chat application with file-sharing functionality using the MERN stack (MongoDB, Express.js, React.js, and Node.js).
- Leveraged **Socket.io** to enable seamless file transfers and real-time messaging capabilities within the chat application.
- Utilized the Multer-GridFS-Storage library to enable seamless file-sharing functionality.
- Created the backend API using **Express.js** and **MongoDB**, and the frontend using **React.js**.

Achievement / Extracurricular

- Finalist of **CodeSpire 2023** Hackathon.
- Winner of ISC cricket league 2022.