Pranav Subhash Sutar

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EDUCATION

B.Tech | Sanjay Ghodawat University | 2021-2025 | CGPA: 9.475
HSC | Shivraj Vidhyalay & Jr. college Murgud | 2019-20 | aggregate: 71.08 %

CAREER OBJECTIVE

To obtain employment with a forward-thinking company that fosters a positive and collaborative atmosphere. I seek to contribute my skills and continuously learn and implement new technologies to drive innovation and growth for the betterment of the organization.

SKILLS

C | C++ | Java | Python | JavaScript | NodeJS | React | MongoDB | HTML | CSS | Git | Bootstrap | Figma | Canva | GitHub

PROJECTS

Footflex-an e commerce Website:

- *An innovative MERN Stack E-commerce Footwear Application, enabling seamless online shopping with features including Authentication, Admin Dashboard.*
- **Frontend**: In Frontend React.js is used to form scalable web applications Integrating 6+ APIs with Seamless UI. Along with This UI library like Bootstrap is Used.
- **Backend:** For backend Mock API is used to implement and store all user data and UI elements using JSON Format.

Plant Disease Detection using ML and React:

- *The "Plant Disease Detection Using ML" web application is an innovative platform designed to help farmers and agricultural professionals quickly and accurately (about 86%)detect diseases in plants. By leveraging Machine Learning algorithms, this provides users with real-time insights into the health of their crops and offers recommendations for appropriate treatment.*
- **Features**: The platform allows users to upload images of plants. The ML model processes these images and identifies potential diseases affecting the plant with 86% validation accuracy of model.
- **Mobile & Web Accesibility:** The platform is accessible via web browsers on both desktop and mobile devices 100% responsive.

Brain tumour Detection :

- *The "Brain Tumor Detection" web application is a powerful tool map out to assist healthcare professionals in the early detection of brain tumors. By utilizing advanced Machine Learning (ML) algorithms, this platform analyzes medical images such as MRI scans to identify the presence of tumors with high accuracy(about 91% +).*
- **Features**: The platform allows users to upload MRI images of the brain. The ML model processes these images to detect the presence of brain tumors.High accuracy in identifying various types of brain tumors, including gliomas, meningiomas, and pituitary tumors with 91% validation Accuracy.
- **React.js for FrontEnd :** For building a responsive and scalable user interface, providing seamless interaction with the backend APIs and ML models.

Collaborative Project - Clinic Management System:

- *The Clinic Management System is a comprehensive web application depict to streamline the operations of clinics and healthcare providers. Developed using the MERN (MongoDB, Express.js, React.js, Node.js) stack, this system offers a wide range of functionalities, including patient management, appointment scheduling, billing, and medical record keeping.*
- **Role** : As Front end Developer, Utilized React.js to build scalable and responsive web pages, ensuring that the application is accessible across various devices and screen sizes which improves 40% fast in rendering pages.
- **Impact:** The Clinic Management System significantly improves the efficiency of clinic operations, allowing healthcare providers to focus more on patient care rather than administrative tasks.improves respond 45-50% faster than other techniques.

WORKSHOPS, INTERNSHIPS & EXTRACURRICULLAR

- **Certification in Python for Data Science**
  Earned a prestigious certification from IIT Madras, demonstrating expertise in Python and its application in data science, including data manipulation, analysis, and visualization from NPTEL with 70% Score.
- **Full Stack Web Development Bootcamp - 2024 MERN Stack**
  Completed an intensive bootcamp on Udemy, mastering the MERN stack to build scalable web applications, encompassing both frontend and backend development by attending 60+ Hours of content.
- **Web Development Intern : iGAP Technologies, Kolhapur**
  Gained hands-on experience during a 1-month internship, contributing to real-world web development projects and applying skills in a professional setting.
- **Machine Learning Workshop : ML.fit() by SDC at KIT, Kolhapur**
  Participated in a 2-day workshop focused on machine learning, exploring cutting-edge techniques and applications in a collaborative environment.
- **Full Stack Web Development Workshop Conducted by CSI & SGU**
  Engaged 2 days workshop of covering the essentials of full stack web development, gaining practical insights and skills for building comprehensive web solutions.