# SUDARSHAN TRIFALEY

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## ABOUT ME

Passionate Web Developer and Machine Learning enthusiast with ability to problem solving and a drive to see things through completion. Always gets motivated to learn technology and excited to take on new challenges. Quick learner and a team player, who is eager to contribute to the success of the company. Seeking opportunities to further develop my skills and grow as a professional in a challenging and innovative work environment.

## WORK EXPIRIENCE

**ReactJS Intern | Sahajananda Tech Services And Research Center Private Limited**
Dec 2022 - May 2023
- Designed and assembled a responsive social media web application frontend using ReactJS and Tailwind CSS.
- Engineered valuable skills in frontend development and collaborated effectively in a team environment.
- Programmed and optimized the user interface for enhanced user experience, embracing industry best practices.

## PROJECTS

**Vehicle Number Plate Detection**
Python | OpenCV | YOLOv8
Created an object detection system using Python, OpenCV, and YOLOv8 for accurate identification and localization of vehicle number plates. This project highlights my hands-on experience in computer vision and machine learning, demonstrating proficiency in key technologies for real-world applications.
https://github.com/sudarshan24-byte/Vehicle-Number-Plate-Detection

**Youtube Clone Web Application**
ReactJS | Material UI | Rapid API
Crafted a dynamic and responsive YouTube clone using ReactJS and Material UI, emphasizing proficiency in frontend development. Integrated the YouTube API seamlessly, showcasing expertise in API handling and data fetching. Elevated visual aesthetics and user experience through effective utilization of Material UI. Mastered core ReactJS concepts, contributing to a robust and efficient frontend architecture.
https://github.com/sudarshan24-byte/BlueBoxMedia

**Full Stack Notes App**
ReactJS | Python | Django | Tailwind CSS
Engineered a robust notes application, integrating Django for backend functionality, React.js for frontend, and Tailwind CSS for modern styling. Showcased backend mastery by leveraging Python and Django for robust server-side operations. Demonstrated proficiency in API development, ensuring seamless data communication between frontend and backend. Implemented Tailwind CSS for efficient and stylish UI, enhancing the overall user experience.
https://github.com/sudarshan24-byte/ReactDjangoNotesApp

## SKILLS

**PROGRAMMING LANGUAGES**
Python | Javascript

**WEB DEVELOPMENT**
- **Frontend:** ReactJS, NextJS
- **Styling:** HTML5, CSS3, Tailwind CSS
- **State Management:** Context API
- **Backend:** ExpressJS, Django
- **Database:** MongoDB
- **APIs:** RESTful APIs

**MACHINE LEARNING AND DATA SCIENCE**
- **Libraries:** Numpy, Pandas
- **Data Visualization:** Matplotlib, Seaborn, Plotly
- **Data Cleaning:** Proficient in data preprocessing techniques.
- **Machine Learning:** Scikit-learn and TensorFlow
- **Notebooks:** Jupyter Notebooks
- **Computer Vision:** OpenCV

**VERSION CONTROL**
Git and Github

## OTHER EXPERIENCES

**Freelance Frontend Developer**
- Successfully completed **2** web development projects at **Sahajananda Tech Services And Research Center Private Limited**, showcasing proficiency in front-end technologies.
- Demonstrated strong problem-solving skills and attention to detail in delivering high-quality, responsive websites.
- Collaborated effectively with clients to understand project requirements, ensuring timely delivery and client satisfaction.

## EDUCATION

**Bachelor of Technology in Computer Sciences and Engineering Specialization in AIML -** Currently Pursuing
Sandip University, Nashik, India | GPA - 8.15

## PARTICIPATIONS

- Participated in **SUNHACKS Hackathon** organized by **Sandip University.**
- Competed in the **16th Delhi International Open Grandmasters Chess Tournament** (2018).