

SUDARSHAN TRIFALEY

+91 7397924651 | sudarshantrifaley@gmail.com | [linkedin.com/in/sudarshan-trifaley/](https://www.linkedin.com/in/sudarshan-trifaley/) | github.com/sudarshan24-byte | sudarshan24-byte.netlify.app/ | <https://kaggle.com/sudarshan24byte>

SUMMARY

Passionate Machine Learning aspirant with strong problem-solving skills and a drive to see projects through to completion. Highly motivated to learn emerging technologies and eager to tackle new challenges. Quick learner and effective team player, dedicated to contributing to the success of the organization. Seeking opportunities to enhance my skills and grow professionally in a dynamic and innovative environment.

EXPERIENCE

Sahajananda Tech Services And Research Center Private Limited | ReactJS Intern

[Dec 2022 - May 2023](#)

As a ReactJS intern, I developed the frontend of a web application using ReactJS and Tailwind CSS, enhancing my skills and improving the user experience by adhering to industry standards.

FlyLab Solutions Private Limited | Full Stack Developer Intern

[Aug 2023 - Jan 2024](#)

As a Full Stack Developer intern, I worked with the MERN stack, handling both frontend and backend development. This role marked my first professional exposure to backend development, contributing to dynamic web applications in a real-world environment.

PROJECTS

Vehicle Number Plate Detection

[Python](#) | [OpenCV](#) | [YOLOv8](#)

<https://github.com/sudarshan24-byte/Vehicle-Number-Plate-Detection>

Developed an object detection system with Python, OpenCV, and YOLOv8 for vehicle number plate recognition, demonstrating proficiency in computer vision and machine learning.

Laptop Price Prediction with API Development

[Python](#) | [FastAPI](#)

<https://github.com/sudarshan24-byte/LaptopPricePrediction>

Developed a laptop price prediction model using machine learning techniques and developed an API with FastAPI, showcasing my ability to integrate predictive analytics with web technologies for real-world applications.

BlueBoxMedia : A YouTube API Integration

[ReactJS](#) | [Material UI](#) | [Rapid API](#)

<https://github.com/sudarshan24-byte/BlueBoxMedia>

Developed a dynamic video browsing platform with ReactJS and Material UI, integrating the YouTube API seamlessly, highlighting frontend development and API handling expertise.

Portfolio Website

[ReactJS](#) | [Tailwind CSS](#) | [Appwrite](#)

<https://sudarshan24-byte.netlify.app/>

Developed a dynamic portfolio website with ReactJS and Tailwind CSS, integrating Appwrite for backend functionalities. The site highlights my projects with a smooth user interface, ensuring seamless navigation and enhanced data management.

SKILLS

MACHINE LEARNING

- **Techniques and Tools:** Regression, Classification, Neural Networks, sci-kit learn, Pytorch, TensorFlow, Keras
- **Computer Vision:** CNNs, YOLO, OpenCV
- **Data and Deployment:** Numpy, Pandas, FastAPI
- **Visualisation:** Matplotlib, Seaborn, Plotly

PROGRAMMING AND WEB DEVELOPMENT

- **Languages and DSA:** Python, JavaScript, Data Structures and Algorithms
- **Web Development:** HTML5 and CSS3, ReactJS, Tailwind CSS, FastAPI, ExpressJS, Django, Appwrite, MongoDB
- **Version Control:** Git and Github

EDUCATION

Bachelor of Technology in Computer Sciences and Engineering Specialization in AIML

[Currently Pursuing - 2025 Passout](#)

Sandip University, Nashik, India | GPA - 8.15