

Pranav Maruti Yadav

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Pune-411028, Maharashtra, India

OBJECTIVE

Hello, I'm Pranav Yadav — an enthusiastic and motivated Computer Science graduate with a solid foundation in programming, data structures, algorithms, and software development. Proficient in Python, SQL, and statistical analysis, with hands-on experience in data preprocessing, feature engineering, model development, and data visualization. I'm eager to apply my skills in real-world data science projects and continue growing in the field.

EXPERIENCE

• TATA MOTORS

Feb 2025 - Present

Intern

Pune, India

- Worked on multiple real-time projects using OpenCV and Computer Vision for gesture detection, lane tracking, and fatigue monitoring.
- Applied Machine Learning algorithms for classification, detection, and predictive modeling tasks.
- Managed project workflow and version control using Git and GitHub for collaboration and code management.
- Built and tested solutions on datasets involving image/video processing and applied data preprocessing techniques.

• CODTECH IT SOLUTIONS

March- April 2024

Intern

Pune, India

- Created programs to make user-friendly applications.
- Collaborated with a team of developers to optimize code for performance and scalability.
- Used PYcharm for developing the code and performing the unit test.

EDUCATION

• Marathwada Mitra Mandal Institute Of Technology

April 2025

Computer Engineering

Pune, India

- CGPA: 6.56/10.00

• Dr.Sudhakar Jadhavar College

February 2021

HSC-Science

Pune, India

- Grade: 93%

• Cygnet Public School

March 2019

SSC

Pune, India

- Grade: 84.60%

PROJECTS

• Crowd Detection and Management Using Deep Learning YOLOV5

Tools: Python, YOLOV5, CNN.

- Implemented deep learning models to analyze crowd density, movement patterns, and potential congestion areas.
- Designed the system for smart surveillance, improving public safety and event management through automated insights.
- Integrated Twilio API for real-time messaging alerts, notifying authorities about unusual crowd densities or potential safety concerns.

SKILLS

- **Programming Languages:** Python, C++.
- **Web Technologies:** HTML5, CSS.
- **Machine Learning :** supervised learning, unsupervised learning, reinforcement learning, natural language processing, computer vision, and deep learning
- **Database :** MySQL, MongoDB.
- **Tools :** Visual studio code , Jupyter, Git/Github, MS Word Excel, PowerPoint.
- **Soft Skills:** Report Building, People Management, Communication, Problem Solving, Analytical thinking.

CERTIFICATIONS

• INDIAN INSTITUTE OF TECHNOLOGY (INTELLIPAAT)

Artificial Intelligence and Data Science

Appearing

• MAGNIFICENCE OF MANAGEMENT AND IT INSTITUTION INDIA

C-C++ Programming Language

August 2022