

Pranav Sunil Nair

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Profile

Computer Engineering student passionate about technology and building software solutions. Experience with Java, JavaScript, React, and databases, including MongoDB and MySQL. Strong problem-solving skills demonstrated through various projects and hackathons. Interested in learning new domains and contributing to the building of scalable applications in a growth-oriented environment.

Education

Sardar Patel Institute of Technology, B. Tech. (Computer Engineering) – Mumbai, Maharashtra 2022 – 2026

- CGPA: 7.38/10.0 (Till the 6th Sem)

Matoshree Prabodhini, HSC – Station Rd, Thane, Maharashtra 2020 – 2022

- Percentage: 83.83%

Vasant Vihar High School & Jr. Clg, SSC – Manpada, Thane, Maharashtra 2008 – 2020

- Percentage: 90.4%

Projects

Violence Detection using Deep Learning (Ongoing) GitHub

- Conducted in-depth research on spatiotemporal models (ConvLSTM, LRCN, ViViT) to detect violent actions in videos using deep learning
- Evaluated and compared model architectures for accuracy, efficiency, and suitability for real-time surveillance applications
- **Tools Used:** Python, TensorFlow, OpenCV, PyTorch, NumPy

ReadSync GitHub

- Developed a responsive web platform for book enthusiasts using the MERN stack, enabling personalized recommendations and community interaction
- Implemented user authentication, book tracking, and real-time trending book updates, enhancing user engagement
- **Tools Used:** MERN Stack

Live Auction Website GitHub

- Developed a real-time auction platform for dynamic bidding with live updates
- Enabled users to create auctions, place bids, and track auction status using WebSocket for seamless communication
- **Tools Used:** HTML, CSS, JavaScript, Firebase, WebSocket

Skills

Programming Languages: Java, C++, C, Python, JavaScript, HTML, CSS

Frameworks & Libraries: React.js, Next.js

Databases: MySQL, Firebase, MongoDB

Certifications & Activities

Training: JavaScript Course, HTML Course, CSS Course

Extracurricular: Participated in various hackathons to enhance problem-solving and collaboration skills