Durgesh Patil

Aspiring AI/ML Engineer with hands-on experience in computer vision and deep learning, focused on building and optimizing real-world machine learning solutions.

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Education

2023-2027 B.Tech in Computer Science and Engineering at Sandip University , Nashik

Skills

Programming Languages: Java , Python , Java script , HTML , CSS, SQL

 Machine Learning / AI:
- ML fundamentals (train/test split, evaluation basics)
- Computer Vision basics
- Data preprocessing
Libraries / Frameworks: Pandas , NumPy ,OpenCV, ONNX Runtime
Tools:
-Git
-Jupyter Notebook
-VS Code

Projects

Face Recognition System
Built a real-time face recognition system using YOLO and MobileFaceNet, optimized with ONNX Runtime for fast and scalable CPU/GPU deployment supporting 100+ identities.
Tech Stack: Python, OpenCV, NumPy, ONNX, YoloV8s

Hospital Management System

Developed a Hospital Management System using Java and SQL with JDBC for secure database connectivity, managing patient records, appointments, and billing operations

Tech Stack: Java, JDBC, SQL, MySQL.

Turf Booking System

Currently developing a Turf Booking System that enables users to view real-time turf availability, book slots, and manage reservations efficiently. The project is built using Java, SQL, XML, and React, focusing on secure backend development, responsive UI design, and optimized database management.

Certifications

Smart India Hackathon 2025 – Link to Certification

Strengths

-Analytical thinking
-Problem solving
-Fast learner
-Debugging skills
-Technical documentation ability