

# SAIRAJ JADHAV

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## PROFESSIONAL SUMMARY

Third-year AI and Data Science engineering student passionate about solving real-world problems through code, circuits, and creativity. Experienced in building assistive devices, alert-based systems, and interactive simulations. Currently learning full-stack development through IBM's program.

## EDUCATION

### Dr. D.Y. Patil College of Engineering, Pune

B.Tech, AI & Data Science (2023 – 2027)

CGPA: 9.03, 7.71, 7.41, 8.23

### Abasaheb Garware College of Arts and Science, Pune

Higher Secondary Education (HSC) (2022)

Marks: 70.33%

## PROJECTS

### Smart Regional Alert & Navigation System

(Lead Developer | Jan 2025 – Feb 2025)

- Developed a web-based platform that provides real-time regional alerts and navigation assistance during events like power cuts, disease outbreaks, construction work, and disasters.
- Enables citizens to receive timely alerts and plan alternate routes, while authorities can broadcast announcements for better communication.
- Aims to improve public safety, infrastructure planning, and disaster management through a centralized, easy-to-access interface.
- Tech: HTML · CSS · JavaScript · Node.js · Express.js · Firebase · Web Development

### Real-Time Card Detector

(Developer | July 2025 - Aug 2025)

- Created a real-time playing card detection system using computer vision to identify and classify cards from a live camera feed.
- Trained and integrated object detection models for accurate recognition.
- Useful for gaming automation, educational demos, and computer vision applications.
- Tech: Python · OpenCV · Deep Learning · Object Detection · Pygame (UI)

## ACHIEVEMENTS

### 1st Prize – Ideathon (Innovation Pitch Competition)

Dr. D. Y. Patil College of Engineering and Innovation

- Led team Rakshanu to present the project Viro-AI, which was also selected for Smart India Hackathon 2025.

### 2nd Prize – National Level Sci-Tech Hackathon 2025

AISSMS College of Engineering, Pune

- Secured second place for Viro-AI, earning a ₹3000 cash prize and project development support.

### 3rd Position – Hackathought Competition

Dr. D. Y. Patil College of Engineering and Innovation

- Recognized for innovative problem-solving and teamwork.

## CERTIFICATIONS

Developing Back-End Apps with Node.js and Express

From IBM

Developing Front-End Apps with React

From IBM

## SKILLS

**Programming Languages:** Python, HTML, CSS, JS

**Tech:** Git, React, Node.js, GitHub, Express.js

**Focus Areas:** Embedded Systems, Web Development, UI/UX, Prototyping, Agile Development