

# Harsh Kadikar

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## Skills

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**Languages:** C++, C, Python, SQL, JavaScript, HTML

**Deep Learning(basics):** Understanding of CNNs and how YOLO works (replaced with lightweight detection using OpenCV)

**Tools/Platforms:** Jupyter Notebook, Google Colab, VS Code, Flask (ML deployment), Streamlit (for ML app UI)

**Model Deployment:** Flask API Integration, Real-Time Prediction Pipelines, Lightweight ML Applications

**Frontend:** HTML, CSS, React JS, GSAP(Green Shock Animation Platform)

## Education

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**LDRP Institute of technology and Research**, BE in Information Technology

June 2022 – Present

- GPA: 7.52(till 6th sem)
- **Coursework:** Object Oriented Programming, DBMS, Discrete Mathematics, Data Structures and Algorithms, Operating Systems, Computer Networks, Advanced Java Programming, Design and Analysis of Algorithm, Software Engineering, Theory of Computation, Artificial Intelligence, Machine Learning, Cryptography and Network Security, Blockchain Technology, Cloud Computing

## Projects

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**Movie Recommendation System**

[LINK](#)

- Built a personalized movie recommender using content-based filtering with genre and similarity scoring. Delivered results through a clean, interactive UI for seamless user experience.

**Tribal Assistance Portal - SSIP'23 Finals**

[LINK](#)

- Developed a speech-enabled portal for tribal citizens to apply for government schemes. Enabled bank officials to verify documents, approve/reject requests, and send email notifications.

**License Plate Recognition System**

[LINK](#)

- Built a real-time LPR system with YOLOv8 detection, OCR preprocessing, and both upload and webcam scanning. Added scan history, memo notes, and GSAP-enhanced UI for a smooth user experience.

**My Portfolio(Harsh Portfolio)**

[LINK](#)

- Created a personal portfolio showcasing projects with modern UI/UX, GSAP animations, and responsiveness. Highlights skills through interactive design and clear project presentation.

## Certifications

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- Finished NPTEL-certified course on Python for Data Science, acquiring basic data analysis, NumPy, and data visualization skills.
- Finalist in the SSIP Azadi Ka Amrit Mahotsav Hackathon in 2023.

## Achievements

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- Finalist – SSIP Hackathon 2023 (Student Startup and Innovation Policy): Selected among the top finalists from over 300+ teams for building a scalable Natural Farming Marketplace. Recognized for innovation, social impact, and real-world applicability by government and industry experts.

## Extra-curricular Activities

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- Participated in various college-level tech fests, coding competitions, and team-based project sprints.
- Logo Designing, Editing
- Exploring AI and computer vision applications through hands-on projects and real-world problem solving.