

Rajnish Kumar Singh

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Projects

DetectMe | Python, OpenCv, YOLOv8n.

Dec 2024 - Present

- Developed a real-time object detection system utilizing Python and OpenCV, integrated with the YOLOv8 model from the Ultralytics library.
- The project captures live video feed from a camera, processes each frame to detect objects, and outputs labeled bounding boxes with confidence scores.
- Github Repository Link: <https://github.com/rajnishrajvansh/Ultralytics-opencvProject>

Humini | HTML, CSS, ReactJS, API Integration

Sep 2024 - Oct 2023

- Built a web app replicating Google's Gemini using React.js.
- Users can interact conversationally, showcasing front-end development and understanding of large language models.
- Github Repository Link: <https://github.com/rajnishrajvansh/Humini>

Chitrakala | HTML, CSS, JavaScript

Feb 2022 - March 2022

- Developed a responsive web application using HTML, CSS, and Bootstrap for a mobile-first design and structured layout.
- Implemented dynamic features like tooltips, popovers, modals, dropdowns, and carousels to enhance interactivity and user experience.
- Utilized Bootstrap's grid system and navigation components for a mobile-first design and structured layout.
- Github Repository Link: <https://github.com/rajnishrajvansh/chitrakala>

Certificates

Full Stack Development using MERN

August 2024

CipherSchools

Front Development Libraries

August 2024

FreeCodeCamp

Problem Solving (Basic)

April 2024

Hackerrank

Data Structure and Algorithm using JavaScript

March 2023

FreeCodeCamp

Achievements

Secured top 10 teams in the Hackathon: BYTECODE 2.0:

Participated and ranked top 10 team in the Hackathon organized by Bytecode.

Technical Skills

Languages C++, Java, JavaScript, Python

Technologies/Frameworks: HTML and CSS, Bootstrap, NodeJS, React, PyTorch, TensorFlow, NumPy, GitHub

Skills: Data Structures and Algorithms, Problem-Solving, Responsive Web Design

Education

Lovely Professional University Punjab

2023 – 2025

Master in Computer Application — TGPA: ongoing 8.0

Jalandhar, Punjab

Lovely Professional University Punjab

2020 – 2023

Bachelor in Computer Application — CGPA: 8.5

Jalandhar, Punjab

MK DAV Public School

2016 – 2018

12th with Science — Percentage: 71%

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MK DAV Public School

2015 – 2016

10th with Science — CGPA: 9.4

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