

Raj Aryan

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TECHNICAL SKILLS

Languages : Python, C++, C, Java, HTML, CSS
Databases : MySQL, MongoDB
Dev Tools : Visual Studio, Visual Studio Code, Git, GitHub, Linux
Framework : Flask, OpenCV

EDUCATION

Kalinga Institute of Industrial Technology

Bachelor of Technology in Computer Science

Bhubaneswar, Odisha

2021 – 2025

Courses: OOPS, Operating Systems, Data Structure and Algorithm, DBMS, Computer Networks, Big Data, Artificial Intelligence, Cloud Computing, Software Engineering.

Vivekananda Vidya Mandir

AISSCE, CBSE, Science

Ranchi, Jharkhand

June 2019 – May 2021

DAV Public School, Mathurapur

AISSE, CBSE

Bhagalpur, Bihar

March 2008 – April 2019

PROJECTS

Vehicle Number Plate Detection [Source Code](#)

- Utilizing Machine Learning (ML) algorithms and OpenCV, our Vehicle Number Plate Detection system extracts license plate information from real-time footage with precision.
- Integrated with MongoDB for efficient data storage, this solution offers seamless scalability and data management.
- Powered by Flask and pyesseract, our system provides a user-friendly interface for accessing and analyzing vehicle data, ensuring efficient monitoring and management of traffic and security systems.
- Tech Stack: Python, Flask, OpenCV, MongoDB, HTML, CSS

Weather Web App [Source Code](#)

- Harnessing the power of OpenWeather API, our intuitive web app provides instant, customizable weather updates and forecasts, ensuring accurate planning with ease.
- Tech Stack: HTML, CSS, JavaScript

Bank Management System [Source Code](#)

- Utilizing Python our Bank Management System offers a robust solution for managing banking operations. Seamlessly handle customer accounts & transactions within a secure, efficient database environment.
- Tech Stack: Python

CERTIFICATES

Python Essentials I – Cisco, March 2024 [Verify](#)

AWS Academy Cloud Foundations – AWS, March 2024 [Verify](#)

Introduction to Front-End Dev – Meta, June 2024 [Verify](#)

Excel Basics for Data Analysis – IBM, July 2024 [Verify](#)

Linux Tools for Developers – Linux Foundation, July 2024 [Verify](#)

Databases and SQL for Data Science with Python – IBM, July 2024 [Verify](#)