

# RUPALI ROUT

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## SUMMARY

A recent Computer science graduate with a foundation in programming like c,java and python. Detail-oriented and skilled software developer with a robust background in web development, programming languages (C, Python, Java), and data science. Proven ability to design and develop responsive web applications, write efficient code, and perform comprehensive data analysis. Adept at leveraging analytical skills and programming expertise to solve complex problems and analyzing big datasets. Eager to learn contribute to a collaborative team environment, and leverage my skills to make a positive impact in the software engineering industry.

## EDUCATION

### Master Of Computer Application

Maharaja Sriram Chandra bhanjaDeo University.

Graduating May 2024

8.46 CGPA

Relevant coursework: Operating System, Computer System Architecture, Computer Network, Data science using python, Machine Learning, Visualization, Web and text Mining, cloud computing, Data structure and algorithm, Digital Image Processing, Data Warehousing and Data Mining.

## SKILLS

**Web Developer:** HTML, CSS and JAVASCRIPT

**FrameWorks:** NextJS, NodeJS, React, FireBase

**Database:** MongoDB, MySQL

**Developer Tools and Others:** Visual Studio Code, Git and GitHub, Linux, React, Node.js

**Python Developer:** Core Python Skills: Proficiency in Python Syntax and Semantics, Control Flow Management, Data Structures, Functions and Modules and File Handling. Advanced Python Skills: Object-Oriented Programming (OOP), Error Handling and Exceptions, Iterators and Generators, Decorators and Context Managers

**Libraries And FrameWork:** NumPy, Pandas, Matplotlib and Seaborn, Django, Scikit-learn, Jupyter Notebook,

**Programming Language:** Python, C, Java(Basic) and Javascript

**Certifications:** OHEPEE-IDP Sponsored National Seminar On Recent Trend In Computing, Communication and Application (Advance in IOT, AI and ML) in July 2023.

## ACADEMIC PROJECTS

### Martial Art For Self Defence

Jan 2024 – May 2024

Developed a comprehensive martial arts self-defense website featuring a user-friendly design and robust functionality. The website offers a variety of resources including instructional videos

- Responsive Design: Ensures optimal user experience across various devices (desktops, tablets, smartphones).
- User Authentication: Secure login and registration system for members.
- Multimedia Integration: Seamless incorporation of videos, images, and other media to enhance learning and engagement
- Using HTML, CSS, JAVASCRIPT, React, JSON, Database-MongoDB, Firebase.

### E-Commerce Website

To-Do-List

Basic Calculator

## OTHER WORK EXPERIENCE

### Data Analyst - Restaurant Data Sets, Remote: Tutor (15 hours/week)

- Data Collection and Cleaning, Exploratory Data Analysis (EDA), Visualization, Machine Learning Models, SQL Queries.