RAJ SHARMA

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About

As an enthusiastic AI and ML student with a keen eye for detail, I am actively seeking an opportunity to apply and enhance my technical skills in the field of Artificial Intelligence. Eager to immerse myself in real-world projects, I aim to gain invaluable hands-on experience, deepen my understanding of the tech industry, and cultivate a robust foundation for a successful career in technology

EDUCATION

Technocrats Institute of Technology ,Excellence   **2021 − 2025**
B.Tech - Artificial Intelligence And Machine Learning - **CGPA - 7.5**   *Bhopal, Madhya Pradesh*

Relevant Subjects- Operating System, Object Oriented Programming, Database Management System, Computer Networking and Cloud Computing

Eminent Heights Public School   **2020 − 2021**
Class 12th - **Percentage - 69**   *Vidisha, Madhya Pradesh*

Relevant Subjects - Physics, Chemistry and Mathematics

Trinity Convent Senior Secondary School   **2018 − 2019**
Class 10th - **Percentage - 73.4**   *Vidisha, Madhya Pradesh*

SKILLS

- Domain - JAVA
- Java Standard Edition (JSE)
- Java Enterprise Edition (JEE)
- OOPS
- Data Structure and Algorithms (DSA)
- Frontend - HTML5, CSS3, JavaScript
- Framework - Bootstrap, ReactJS
- Backend - NodeJS
- Database - MySQL, MongoDB
- Basics - C and Python
- Technologies and Tools - Cloud , Artificial Intelligence, Machine Learning, Generative Ai, Git and Git hub

PROJECTS

<u>AI Based Personal Assistant:</u> ⬈ | <u>Python IDE - Google colab</u>   **2022**

- Description:

  Developed an AI-based personal assistant using Python, leveraging the cutting-edge Open Google Gemini API for seamless data search and intelligent responses. This innovative project showcases my expertise in natural language processing and integration with APIs. Additionally, incorporated Google Text-to-Speech for a natural and engaging conversational experience

<u>Car Rental Web Application:</u> ⬈ | <u>Python IDE - VS code</u>   **2022**

- ∗ Description:

  Developed a robust web application for car rentals, featuring user registration, car catalog browsing, booking, payment integration, and an admin dashboard.
  Technologies Used:
  Frontend - React.js, HTML, CSS, JavaScript —Backend- Node.js, Express.js —Database - MongoDB —Authentication - JWT (JSON Web Tokens) — Payment Gateway - Stripe

<u>Netflix Recommendation System:</u> ⬈ | <u>Python IDE - VS code</u>   **2022**

- · Description:

  Developed a Netflix recommendation system using Python to enhance user experience by providing personalized movie and TV show suggestions. Utilized collaborative filtering and content-based filtering techniques to analyze user preferences and viewing history. Implemented algorithms using libraries such as Pandas, NumPy, and SciPy for data manipulation and analysis. Employed scikit-learn for model training and evaluation. The system improved recommendation accuracy and user engagement.

EXPERIENCE

- **Intern Ramraj Tech** (Jan 2021 - Jan 2022)

CODING PLATFORMS

- Solved **1000+** Problems on **Leetcode**. ↗
- Solved **500+** Problems across **GeeksforGeeks** and **InterviewBit**. ↗
- Codeforces Max Rating **1391** ↗

CERTIFICATIONS

- Mastering Data Structure and Algorithms - Udemy
- C++ - Udemy
- Dynamic Programming - Udemy
- Graph data structure for CP - Udemy

EXTRACURRICULAR

- Taught basic C++/DSA in offline Mode. 05-2021 – 12-2021
- NSS Member from 2019 to till now