



Hemant Rajput

Final Year Undergraduate

B.Tech., Information Technology

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ACADEMIC QUALIFICATION

Examination	Institute	Year	CGPA/%
Graduation	Madhav Institute of Technology & Science, Gwalior, M.P.	2024	8.39
12 th , MP Board	Satpura Valley H.S. School Sirali, Harda, M.P.	2019	84%
10 th , MP Board	Krishna Convent co-ed H.S. School Gahal, Harda, M.P.	2017	89%

PROJECTS

1. Gradio Digit Recognizer

Key Features:

- Using Keras library to recognize handwritten digits between 0-9.
- Used a convolutional neural network(CNN) to achieve high accuracy.
- Interactive web interface to draw digits and see the predicted label using Gradio Library.
- Demonstrated the integration of deep learning and Gradio for image classification.

2. Food Donation Web App

Key Features:

- Using HTML,CSS, JS, React js, Nodejs, MongoDB, APIs
- Helps Organization or Individuals to donate surplus food those in need.
- Users can search for nearby food banks and donate food for needy People.

3. Movie Recommendation System

Key Features:

- Using HTML,CSS, JS, NLP(Natural Language Processing ML Algo.), Flask.
- Implemented Data Preprocessing ,Feature Engineering and Model Training.
- Can Provide Personalized Movie Recommendation to Users.
- Utilized Python and Popular Libraries Such as Pandas, NumPy and Scikit-Learn.

KEY EXPERTISE & SKILLS

- **Languages** C/C++, HTML, CSS, Python, JavaScript
- **Subjects** Data Structure and Algorithm in C++ , OOPs, DBMS, Operating System,SQL
 - **500 + Questions Solved of DSA**
- **Library** React js (front end Library of JavaScript)
- **Framework** Flask, Nodejs (Backend Framework of JS)
- **DataBase** MySQL, Firebase
- **IDEs** VS Code, Jupiter, Google Colab
- **Additional Skills** Data Science, AI-ML, NLP, Computer Vision
- **Version Control** Git,Github

Experience

Data Science Intern at Innomatics Research Lab (Feb 2023 – May 2023)

- Gained Practical experience in applying the Following Concepts and tools in real world using Python and Flask
- Explored Key Concepts in data Science including Exploratory data Analysis, data Preprocessing ,feature Engineering, Machine learning Algorithm and Model evaluation Techniques.

Awards

- **Certification of Appreciation** – By Innomatics Research Lab for task Submission in Flask, Stremlit and Python
- **Runner-up** – In Cisco Sustainability Online Hackathon 2022