

HARSHIL KOTHIYA

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Summary

Passionate about data science with a strong interest in exploring its potential. Completed machine learning and gained foundational knowledge of neural networks and deep learning. Enthusiastic about applying skills to real-world projects and continuously expanding my expertise.

Educational Background

Bachelor of Technology, Computer Engineering

Charotar University of Science and Technology

CGPA :9.72 (Till Sem 4)

12th Science (PCM)

(May-2022)

Shree Swaminarayan Gurukul Surat

Percentage:95.31

Gujarat Secondary and Higher Secondary Education Board

Skills

Programming Language: C, C++, Python, SQL, Java Script, Java

Core Subjects: Machine Learning, Data Analysis, DSA, DBMS, OOPS

Technical Skills & Frameworks: Node.js, Express.js, React.js, MongoDB

Tools/Platforms: Power BI

Work Experience

Clumoss

(May 2024 – June 2024)

Role: web Developer

Projects:

- Hotel management website (MERN stack)
- E-comers website

During my internship, we developed both a Hotel Management website and an e-commerce platform using the MERN stack. These projects involved creating user-friendly interfaces for booking rooms, managing reservations, handling customer data, and facilitating online shopping.

Projects

FarmSmart: Crop-Recommendation

- A machine learning-based solution designed to assist farmers in selecting the most suitable crops based on soil, weather, and environmental conditions. It leverages models like Random Forest, SVM, and XGBoost to provide accurate recommendations, with an intuitive Streamlit interface for seamless user interaction.
- GitHub: <https://github.com/Harshilkothiya/FarmSmart-Crop-Recommendation>

Bangalore-Home-Price-Prediction

- A data-driven project utilizing machine learning to predict home prices in Bangalore. It analyzes key factors such as location, area, and amenities, ensuring accurate price estimations. Built with Python, it integrates efficient data handling and predictive modeling for practical real estate insights.
- GitHub: <https://github.com/Harshilkothiya/Bangalore-Home-Price-Prediction>

Sports-Celebrity-Image-Classification

- A machine learning project aimed at classifying images of sports celebrities into distinct categories. It uses advanced image processing and classification techniques with models like CNNs, ensuring accurate identification. This system demonstrates the potential of AI in image recognition tasks.
- GitHub: <https://github.com/Harshilkothiya/Sports-Celebrity-Image-Classification>

Data Visualization with Power Bi:

- Designed compelling data visualizations using Power BI to illustrate trends and patterns in crime and road accidents across India. Leveraged dynamic dashboards to showcase comprehensive insights, empowering stakeholders with actionable information for informed decision-making and strategic interventions.
- Link: <https://parthmodhvadiya.github.io/data-visualization/>

Academic and Extracurricular Achievements

- Completing NPTEL Exam in Data Structure and Algorithms Using Java with 80%.
- Completing NPTEL Exam in Data Base Management System with 76%.