

Himanshu Karan

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EDUCATION

Shri Shankaracharya Technical Campus
Bachelor of Engineering in Computer Science

Durg, Chhattisgarh, India
Oct. 2022 – May 2026

Delhi Public School
Class XII CBSE (Science stream), Class X CBSE

Durg, Chhattisgarh, India
August 2008 – June 2022

ACTIVITIES

Hackathon

August 2024

Team Leader

- Led a team of 4 members in a national level hackathon conducted by Reimagine Sheryians.
- Built and improved the Porsche website, focusing on enhanced user experience and interface design.
- Utilized HTML, CSS, and JavaScript to create a responsive and visually appealing layout.

Member

- Attended and contributed in various workshops
- Contributed in publicity Department

PROJECTS

Fake News Detection | Machine Learning

May 2025

- Developed a machine learning pipeline in Python to detect fake news using TF-IDF feature extraction and a Random Forest classifier with class weighting for imbalanced data.
- Performed comprehensive data cleaning, preprocessing and model evaluation with accuracy, classification report and confusion matrix.
- Delivered both a Python script and a Jupyter notebook, demonstrating best practices in reproducibility and end to end NLP workflows.

Sentiment Analysis on Movie Reviews | Data Analytics

Jan 2025

- Performed comprehensive data analytics on movie reviews including data cleaning, exploratory data analysis and visualization using Python, Pandas, Matplotlib and Seaborn.
- Built and evaluated a sentiment classification model with scikit-learn, applying text vectorization and Naive Bayes to extract actionable insights from unstructured text data.

Redesigned E-commerce Website | Front-end Development

Nov 2024

- Redesigned the Ptron website using HTML, CSS, and JavaScript to ensure a fully responsive layout.
- Improved user interface and experience by implementing intuitive navigation.
- Implemented interactive elements using JavaScript to enhance user interaction and engagement.

Technical Skills

Languages: Python, C/C++, SQL, JavaScript, HTML/CSS

Frameworks: React, Node.js, Flask, Streamlit

Developer Tools: Git, VS Code, Jupyter Notebook

Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

Core Competencies: Machine Learning, Data Analysis, Web Development