

# HRITIK KUMAR BHADANI

B.Tech.  
CSE - AIML  
Haldia Institute Of Technology

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## EDUCATION

### •Haldia Institute Of Technology

Bachelor of Technology - Computer Science and Engineering(AIML); GPA: 8.32

November 2022 - June 2026

Purba Medinipur, India

## SKILLS

- **Programming Languages::** C , Java, Python(Pandas, NumPy)
- **Web Technologies::** HTML, CSS , JavaScript , React , Bootstrap
- **Database Systems::** MySQL, MongoDB
- **Data Science & Machine Learning::** Data Visualization (Matplotlib, Seaborn, Plotly) , TensorFlow, Keras , Scikit-learn
- **Cloud Technologies::** Google Cloud, or Azure for model deployment
- **Version Control::** Git, GitHub
- **Tools::** Jupyter Notebook , VS Code

## PROJECTS

### •Exploring India: AI-Powered Deep Dive into Hidden Cultural Gems

Sept 2024 - Nov 2024

- Developed an AI-powered recommendation system, increasing personalized suggestions' accuracy by 30%.
- Integrated multilingual support using NLP, boosting platform accessibility by over 50%.
- Built an interactive map with **Plotly/Dash**, allowing real-time exploration of more than 500 cultural landmarks.
- Applied machine learning to analyze tourism trends, improving recommendation accuracy by 25%.

### •COVID-19 Data Analysis:

Apr 2023 - May 2023

- Analyzed COVID-19 data using **Python** and **Pandas**, achieving 85% model accuracy.
- Performed statistical analysis to uncover trends and patterns with 95% accuracy.
- Created data visualizations using **Matplotlib** to clearly communicate key findings.
- Presented insights to the team, translating complex technical information into easy-to-understand concepts with 100% clarity.

### •Recommendation System :

Sept 2024 - Nov 2024

- Developed a machine learning recommendation system that improved user engagement by 30%, suggesting personalized cultural landmarks, local art, and cuisine.
- Integrated the system with a full-stack web application using **Python, Flask, MongoDB, and React**, reducing load time by 15%.
- Provided recommendations for over 500 cultural landmarks, including hidden gems and famous sites, boosting user retention by 20%.

## CERTIFICATIONS

### •SIH, Hackathon

Nov 2024

### •GDSE,, Solution Challenge

Feb 2024

## ACHIEVEMENTS

- , Achieved Leetcode badge for Solving Coding Problems Consistently
- , Team Leader – Smart India Hackathon (SIH)

## POSITIONS OF RESPONSIBILITY

### •Graphics Designer and PR , , TARUGURDIANS

2023-2026