NIDHI DHAMELIYA

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EDUCATION

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Government Engineering College, Bhavnagar   **2021 - 2025**
B.E in Computer Engineering
CGPA: 8.78/10

Shri Zaverbhai K. Mendapara Uchchatar Madhyamik Shala(Sardar Patel Educational Institute)   **May 2021**
Higher Secondary: 89.38%

SMT M.S. Lakhani Kanya Vidhyalay(Sardar Patel Educational Institute)   **March 2019**
Secondary: 89%

WORK EXPERIENCE

Data Analytics & Machine Learning Intern (INFOLABZ IT SERVICES PVT LTD)   **July 2024**
- During my internship in data analytics and machine learning.
- I learned fundamental concepts of machine learning, data analysis, data cleaning, processing, image processing, and gained experience working with APIs for model integration, data access, and workflow automation.

Android Intern(V2S Technologies)   **March 2023**
- During my time here, I served as an intern in Android development and database management.
- Additionally, I was involved in inputting data on the company's official website.

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PROJECTS

Property Price Prediction
- **Tools:** Pandas, Scikit-learn, Seaborn, Streamlit
- This project uses advanced data analytics to predict property prices by analyzing various property features, providing accurate market value estimates to help users make informed decisions**.**
- **Implemented:** Utilized the Python ecosystem to develop machine learning models, including Linear Regression and Random Forest, to handle complex data relationships
- **Achieved:** Reached an accuracy of 90% in predicting property prices..

Image Identification and Model Training using Convolutional Neural Network (CNN)
- **Tools:** Python, TensorFlow, Keras, OpenCV, NumPy, Matlplotlib
- This project uses a Convolutional Neural Network to classify images as laptops or mobiles by training on labeled data to achieve accurate identification.
- **Implemented:** Built and trained the CNN model using Python and deep learning frameworks.
- **Achieved:** High accuracy in predicting image categories.

Revenue Insight in Hospitality Domain
- **Tools:** Power BI, CSV files, DAX, Power Query
- This project aims to provide insightful data visualization and analysis for hotel booking patterns and trends. By utilizing Power BI, the project showcases key metrics such as booking rates, customer preferences, and revenue generation, enabling better decision-making for hotel management.
- **Implemented:** Used Power BI to connect, transform, and visualize data from various sources, including multiple CSV files, to create comprehensive visual reports.
- **Achieved:** Successfully created interactive dashboards and reports to analyze hotel booking data, visualize trends, and identify key insights.

Hotel Booking Cancellation Analysis
- **Tools:** Excel, Data Analytics Techniques, PivotTables, Charts
- This project analyzes hotel booking cancellations using data analytics and Excel to uncover patterns, understand cancellation behaviors, and improve booking strategies.
- **Implemented:** Used Excel for data analysis, cleaning, and visualization to explore cancellation data and generate actionable insights.
- **Achieved:** Identified key trends and patterns in hotel booking cancellations, providing insights to help reduce cancellation rates.

TECHNICAL SKILLS

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- **Languages:** Python
- **Data Analysis:** Pandas, NumPy, Matplotlib, Seaborn
- **Machine Learning:** Scikit-learn
- **Tools:** Jupyter Notebook, Git,Power Bi, Excel

CERTIFICATE

- Scope English Proficiency Test   **October 2023**
  Achieved certification in English language proficiency through successful completion of the Scope Test