

## **Bhargav Nadiadra**

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[GitHub](#) [LinkedIn](#)

### **Summary**

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Worked on several machine learning projects. Submitted an abstract for a book chapter in springer. Currently working on two other research prospects.

- Python, C++, HTML, CSS, JavaScript, PHP etc.
- Machine Learning
- Deep learning
- Understanding and adaptive nature

### **Projects**

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#### **Heart Diseases Classification**

- Performed Exploratory Data analysis of the data.
- Also achieved an accuracy of 84% in classifying diseases.
- Git Repository: <https://github.com/Bhargav-Nadiadra/Heart-Diseases-Classification>

#### **Human-Emotion-Detection**

- We define speech emotion recognition (SER) systems as a collection of methodologies that process and classify speech signals to detect the embedded emotions.
- 1D Model(ZCR): F1: 0.71 | Recall: 0.70 | Precision: 0.70
- 2D Model(melspectrogram): F1: 0.51 | Recall 0.30 | Precision: 0.28
- Git Repository: <https://github.com/Bhargav-Nadiadra/Human-Emotion-Detection>

#### **House-Price-Prediction-Analysis**

- The objective of the project is to perform data visualization techniques to understand the insight of the data.
- This project aims apply various Python tools to get a visual understanding of the data and clean it to make it ready to apply machine learning operation on it.
- Git Repository: <https://github.com/Bhargav-Nadiadra/House-Price-Prediction-Analysis->

#### **Mood\_Based\_Restaurant\_Recommendation\_System**

- Gives restaurant recommendation based on mood like Sad, Happy, Stress, Bored, Hunger Laziness, Cold.
- Git Repository: [https://github.com/Bhargav-Nadiadra/Mood\\_Based\\_Restaurant\\_Recommendation\\_System-](https://github.com/Bhargav-Nadiadra/Mood_Based_Restaurant_Recommendation_System-)

#### **osproject.github.io**

- Made a website which gives information about various disk scheduling algorithms and its simulation
- Git Repository: <https://github.com/Bhargav-Nadiadra/osproject.github.io>

## Education

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**School of Technology (Pandit Deendayal Energy University)**  
Bachelor of Technology – Computer Science and Engineering  
9.75 CGPA

Gandhinagar, Gujarat  
June 2020- Present

Senior Secondary SHREE P.V. MODI SCHOOL  
12<sup>th</sup> board Exam – 73%

Jamnagar, Gujarat  
2019– 2020

Secondary (X) SHREE. P.V. MODI SCHOOL  
10<sup>TH</sup> board Exam – 94%(Maths : 97 Science: 99)

Jamnagar, Gujarat  
2017 – 2018

## Extracurricular activities

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### Hacker's Meetup

- Logistic - Head (August 2022 – Present)
  1. Successfully organized Cybersecurity hackathons, panel discussion etc.

## Languages Known

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1. English (Full professional proficiency)
2. Hindi (Full professional proficiency)
3. Gujarati (Native proficiency)

## Awards and Certification:

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- [Python Fundamentals for Beginners](#)
- [Data Visualization using Python](#)
- [Data Mining](#)
- [UI-UX](#)