

# NIVAS MIDIDHODI

✉ [nivasm2823@gmail.com](mailto:nivasm2823@gmail.com)    ☎ 9959699670    🔗 [linkedin.com/in/nivas](https://www.linkedin.com/in/nivas)  
📁 [github.com/NIVAS2823](https://github.com/NIVAS2823)    📁 [nivas/portfolio](#)

## EDUCATION

Bachelors in Computer Science                      Hyderabad  
**Malla Reddy Institute Of Engineering And Technology**  
CGPA – **7.22**    Sep 2020 - Jun 2024

Intermediate( MPC )  
TSR Junior College, Sarvail, Narayanpur

Percentage : **95.0%**    Jun 2018 - Mar 2020

**SSC - CGPA : 9.7**    Jun 2017 - Mar 2018

## EXPERIENCE

**Research Intern**  
Oculus Regenerus Biotech Pvt Ltd                      Hyderabad  
Mar 2024 – Present    Full -Time

- Developing ML models using Specular Microscopy data, contributing to medical diagnostic advancements.
- Conducting data entry, cleaning, and preprocessing, ensuring high-quality data for analysis.
- Collaborating with AI team to perform statistical analysis and develop ML models.

## ACADEMIC PROJECTS

**Predictive Analysis for Big Mart Sales Using Machine Learning Algorithms (Python, Django)**

- Implemented Linear And Ridge Regression Algorithms To Optimize Sales Strategies And Enhance Profitability.
- Identified Key Sales Drivers Through Feature Importance Analysis.

### Identifying Bone Tumor Using X-rays (TensorFlow)

- Developed CNN And SVM-Based Models To Accurately Diagnose Bone Tumors From X-Ray Images, Improving Diagnostic Precision.

## RELEVANT COURSES

- Data Structures and Algorithms
- Object Oriented Programming
- Database Design
- JavaScript Essentials
- Machine Learning
- ChatGPT Prompt Engineering

## SKILLS

- Programming Languages: C, Java, Python.
- Web Design: HTML, CSS, JavaScript, React
- Database Management : SQL, MongoDB.
- Graphic Design : Adobe, Figma.
- Version Control : Git, GitHub.
- Data Visualization : Tableau , Excel.
- Web Frameworks : Django, Spring

## PROJECT EXPERIENCE

### House Price Prediction Using Linear Regression

- Achieved 97% Accuracy In Predicting House Prices Using Scikit-Learn Library And Jupyter Notebook.

### Netflix Homepage Replica (HTML, CSS, JavaScript, Bootstrap)

- Created A Precise Replica Of The Netflix Homepage, Ensuring Fidelity To The Original Layout And User Interface.

### Profit Visualization Using Tableau (Kaggle)

- Designed And Developed Interactive Data Visualizations Illustrating Company Profits Over Time.

## CERTIFICATIONS

- Python Essentials, Cisco Academy(05 Jun 2023)
- Web Development, Bharat Intern (10 July 2023).
- Machine Learning, Bharat Intern (10 July 2023).
- JP Morgan Software Engineering Virtual Experience Program On Forage – September 2023 (Open Source Contribution).
- Introduction To Generative AI, Google Cloud.
- SQL Basic, Hacker Rank (05 Nov 2023).
- Java Basic, Hacker Rank (04 Feb 2024).

## RESEARCH INTERESTS

- Cloud Computing (AWS)
- Artificial Intelligence & Machine Learning
- Natural Language Processing