NIVAS MIDIDHODI

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EDUCATION

Bachelors in Computer Science   Hyderabad
Malla Reddy Institute Of Engineering And Technology
CGPA – **7.2**   2020-2024

Intermediate(MPC) :   2018-2020
TSRJC ,Sarvail   Narayanpur

Percentage : **95.0%**

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

EXPERINECE

Research Intern
Oculus Regenerus Biotech Pvt Ltd   Hyderabad
2024 March – 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)
- 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 (Python)
- 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 Development: HTML,CSS, JavaScript
- Database Management : SQL, MongoDB.
- Graphic Design : Adobe, Figma.
- Version Control : Git, GitHub.
- Data Visualization : Tableau , Excel.

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

- 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, HackerRank (04 Feb, 2024),

RESEARCH INTERESTS

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