Parasa Sasidhar

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GitHub | **Linkedin** | **LeetCode**

Education

Vellore Institute of Technology — Chennai
B.Tech Electronics and Computer Engineering — July 2020 - July 2024
CGPA: 8.26

Narayana Junior College — Vijayawada
Intermediate M.P.C — July 2018 - July 2020
CGPA: 9.37

Viswabharati High School — Gudivada
10th Class — 2018
CGPA: 9.7

Experience

VIT Chennai | Research Internship — Online | Jun 2022 - Jul 2022

- During this internship I published research paper in MDPI Diagnostics entitled *"A Novel Multi-Feature Fusion Method for Classification of Gastrointestinal Diseases Using Endoscopy Images"*
- Paper Link:-https://www.mdpi.com/2075-4418/12/10/2316

World development organization | Data Mining Internship — Online | Nov 2021 - Dec 2021

- During my internship, I was actively engaged in data extraction tasks, employing various data scraping techniques and codes. A key accomplishment was the extraction of NGO data on a state-wise basis, which I meticulously organized and inserted into an Excel sheet for further analysis.

Skills

Programming Languages:	C, C++, Java, Python
Libraries/Frameworks:	Javascript, React, TensorFlow, Pytorch
Tools / Platforms:	Visual Studio Code, Jupyter Notebook
Databases:	MySQL

Projects / Open-Source

A Novel Multi-Feature Fusion Method for Classification of Gastrointestinal Diseases Using Endoscopy Images | Link *Python*

- I was embarked on an innovative project focused on developing a multi-feature fusion method for the accurate classification of gastrointestinal diseases. The project aimed to improve the diagnostic capabilities of endoscopic procedures by leveraging advanced machine learning techniques.

A Novel method for Malware image classification using deep learning techniques | Link *Python*

- During this project I developed a robust deep learning model to identify and classify malware images. The project aimed to enhance malware detection capabilities by analyzing visual representations of malicious software.

Certifications

- AWS Cloud Partitioner - **Amazon**
- DeeLearning Specialization - **Coursera**
- Machine Learning - **Coursera**