

PARASA SASIDHAR

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

EDUCATION

Vellore Institute of Technology

B.Tech Electronics and Computer Engineering

CGPA: 8.26

Chennai

July 2020 - July 2024

Narayana Junior College

Intermediate M.P.C

CGPA: 9.37

Vijayawada

July 2018 - July 2020

EXPERIENCE

VIT Chennai | Research Internship

Online | Jun 2022 - Jul 2022

- I undertook a research internship focusing on Deep Learning techniques. This experience allowed me to delve into complex neural network architectures, data-driven insights, and the practical application of Deep Learning, with the ultimate goal of contributing valuable knowledge to the scientific community through our publication.

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](#)

Google Colab

- This work proposes a novel system for the classification of endoscopy images. The model presented is built by combining a state-of-the-art architecture (i.e., EfficientNet B0) with a custom-built CNN architecture named Effimix. The proposed model yields an accuracy of 97.99% which is significantly higher compared to the existing works.
- publication Link* : <https://www.mdpi.com/2075-4418/12/10/2316>

Jobby: Your Ultimate Job Search Companion | [Link](#)

React.js, CSS, HTML

- Developed a dynamic React.js job search website featuring advanced filtering and search options for precise job hunting. Included comprehensive job descriptions to assist users in making informed career choices. Enhanced user experience by creating an intuitive interface for efficient job exploration.

VoiceMate: Your Personal AI Assistant | [Link](#)

Python

- This AI voice assistant is designed as an entry-level program, capable of executing fundamental tasks like launching web browsers, retrieving information from Wikipedia, accessing and launching applications, providing time updates, scheduling WhatsApp messages, offering weather forecasts, and setting alarms. It serves as a versatile and user-friendly tool for simplifying various daily activities and inquiries.

CERTIFICATIONS

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