

MALLAMPATI VYSHNAVI

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Projects

AI-Powered Plant Disease Forecasting Platform | *TensorFlow, Keras, Raspberry Pi, DHT22 Sensors* |

- Created a collaborative platform for farmers to share insights and receive predictive analytics on plant health.
- Developed an AI-based system for real-time plant disease identification using deep learning models..
- Integrated cloud infrastructure to store and process agricultural data, enabling scalable disease tracking and forecasting.

Multipage Website Development | *HTML, CSS, JavaScript* |

- Designed and developed a responsive multipage website using HTML, CSS, and JavaScript.
- Implemented interactive features such as forms, navigation menus, and dynamic content.

Technical Skills

Languages:JavaScript, C, SQL, Python

Technologies/Frameworks/Libraries:HTML, CSS

Other: Git

Experience

DLRL

Nov 2024 – Present

Project Engineer

Hyderabad, India

- Designed, implemented, and optimized software solutions by writing clean, efficient code in C and Python, ensuring project requirements were met within the specified timelines.
- Worked closely with the development team to validate changes, refactor code where necessary, and ensure proper test coverage for all identified edge cases.
- Designed and implemented detailed test cases based on the existing code to verify functionality, detect bugs, and ensure that the code met quality and performance standards.

Education

St.Marys Womens Engineering College, Budampadu

2019 - 2023

Bachelor of Technology (B. Tech) in Computer Science Engineering (CGPA of 7.0)

Budampadu, India

NRI Junior College

2017 - 2019

Board of Intermediate Education Andhra Pradesh (CGPA of 8.5)

Tenali, India

Dr.KKR's Gowtham School

2017

Secondary School Certificate (CGPA of 9.7)

Tenail, India

Certificates

- Completed an online course on python programming by Naresh IT, Hyd
- Completed a course on c programming through Technosoft, Tenali
- Completed a online course on MS WORD by TubeStudy

Workshops and Participations

- Participated in District level Inspire Science Exhibition-2015 along with the exhibit name Electricity from Kitchenwaste and Garbage
- Participated in District level PRAPAMCHA TELUGU MAHAASABHALU-2012 by VZPHS,Modukuru.
- Participated in Nationwide Aptitude Test DEXTER conducted by AXIS16,VNIT.
- Participated in Mega Quiz 2021 competition conducted by Bajrang Foundation.
- Participated in Accenture developer program issued by Forage.

Achievements

- Secured FIRST PRIZE in debate competition on the occasion of Gandhi Jayanthi conducted by VZPHS,Modukuru