BETHALA RISHITHA

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EDUCATION

Vellore Institute of Technology   2021-2025
B.Tech in Computer Science and Engineering - AI & ML (GPA: 8.05 / 10.00)   *Amaravati, AP*

PROFESSIONAL SUMMARY

An aspiring Python developer with a passion for AI, full-stack development, and project management. Strong interest in leveraging technology to solve real-world problems and exploring business strategies to enhance project outcomes. A motivated learner with leadership qualities and a drive to excel in the tech and business domains.Placeholder item

PROJECTS

7 in 1 Multi Soil Sensor using Raspberry pi
- Provides real-time data on soil conditions (moisture, temperature, humidity, nutrients), helping farmers adjust irrigation and fertilizer use for better growth.
- Utilized Raspberry Pi to collect and process real-time data, providing automated insights to optimize irrigation and improve crop yield.

Automated Waste Segregation System Using Ardino
- Automatically sorts waste into categories (biodegradable, non-biodegradable, and recyclable), streamlining the recycling process.
- Promotes sustainability by increasing recycling rates and decreasing environmental pollution.

Automated Diagnosis of Diseases from 3D Medical Imaging Data
- Generates high-quality MRI-like images from CT scans, offering a non-invasive and cost-effective imaging alternative.
- 3D imaging provides more detailed and comprehensive views of organs and tissues compared to 2D scans.

SKILLS

Languages: Python, Java (Basics), SQL

Front-End Technologies: HTML, CSS, JavaScript

Area of Interest: Full-Stack Development, Software Development, AI, Data Analytics, Business Analytics, Project Management, Entrepreneurship and Startups

Soft Skills: Problem Solving, AI Prompt Engineer, Leadership, Multitasking, Strategic and Analytical Thinking

CERTIFICATION

GOOGLE CLOUD COMPUTING FOUNDATIONS : Google Dec 2023

AIR QUALITY INDEX (AI/ML): Intrain Tech Mar 2024