SUTEJ REDDY
Software Engineer

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TECHNICAL SKILLS

Languages: Python, Java, SQL
Libraries: NumPy, Pandas, Matplotlib, Scikit-learn
Databases: MySQL
Tools & Software: Visual Studio Code, Eclipse IDE
Other Tools: Unity Engine

ACHIEVEMENTS

- ### PUBLICATIONS

1. 3D Simulation in Medical Training using Virtual Reality (TIJER - International Research Journal)
2. Smart Solutions For Wildlife Detection: Developing Efficient Alert Mechanisms (Yet to be Published)

CERTIFICATIONS

OracleGenerativeAI Certified Professional (**ORACLE**)
Data Science for the Beginners (**NASSCOM**)
Python for Data Science (**NPTEL**)

CO-CURRICULAR ACTIVITES

Co-Ordinated 6th International Conference on Intelligent Computing (IConIC) held on 28th & 29th April, 2023.

SOFT SKILLS:

Team Work
Communication
Multitasking
Adaptability
Reliability

PROFILE

Dynamic and energetic Software Engineer with strong programming skills and a passion for digital transformation. Proven ability to thrive in fast-paced environments, demonstrating excellent communication, teamwork, and multitasking abilities. Committed to fostering diversity and inclusivity, with a reliable and flexible approach to tasks. Dedicated to leveraging technology to create impactful solutions and drive organizational success.

INTERNSHIPS

Data Science Intern

CodersCave   Jan 2024 - Feb 2024

Gained extensive experience in data science by hands-on experience with Python, Pandas, and Machine Learning. Work on real-world projects, learn data cleaning, visualization, and model building.

EDUCATION

Bachelor of Technology   Nov 2021 - Apr 2025
Artificial Intelligence and Data Science
Panimalar Engineering College, Chennai
Grade (CGPA) - 7.97

Board of Intermediate Education   Jun 2018 - May 2021
Narayana Junior College, Nellore
Grade (%) - 86.3

State Board of Secondary Education   Jun 2018 - Mar 2019
Dr. K.K.R Gowtham E.M High School, Nellore
Grade (Points) - 9.0

PROJECTS

WILDALERT: Smart Wildlife Detection and IoT-Integrated Deterrence System (Mar 2024)
It YOLOv8 for real-time animal detection and Arduino hardware for automated deterrence, such as sound alerts and SMS notifications. It features a user-friendly Streamlit interface for monitoring through images, videos, or live webcam feeds, and aims to reduce human-wildlife conflicts in a cost-effective, non-lethal way.

Plant Disease Detection and Management System (Oct 2023)
AGRIGUARD is a web-based plant disease detection system that uses CNN for accurate diagnosis from plant leaf images. It provides real-time disease predictions, treatment suggestions, and detailed reports. Built with Flask, Python, and TensorFlow/Keras, it helps farmers manage plant health effectively with an accuracy of 94%.

DECLARATION

I do hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.