Asapani Sravani

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SKILLS

- **Languages**:   C, Python, Java
- **Frameworks**:   HTML and CSS, Bootstrap, PHP, Tailwind CSS, ReactJS
- **Tools/Platforms**: MySQL, MS Excel, GitHub
- **Soft Skills**:   Problem-Solving, Team Player, Project Management, Adaptability

PROJECTS

- **Leaf Disease Prediction** – Potato Leaf   September 2023 – December 2023
  Tech: Python,ML
- Developed a system to accurately identify and classify leaf diseases using machine learning or deep learning techniques. Utilized image processing to extract features from leaf images and trained a predictive model for disease classification.
- Employed tools such as Python, TensorFlow/Keras, and OpenCV for model development and image preprocessing. Integrated datasets like PlantVillage for training and evaluation to ensure robust performance.
- Aims to assist farmers and agricultural professionals in early disease detection, improving crop yield, and reducing dependency on manual inspection. Enables timely intervention by providing actionable insights.

- **Sign Language Recognition**– Gesture Recognition   January 2024 – April 2024
  Tech: Python,OpenCV
- This model translates sign language gestures into spoken or written language the implementation of the Random Forest algorithm to analyze over 1,000 image samples; this effort directly led to identifying key patterns in skin condition classifications and optimizing decision-making processes.

- **Women Safety Hub**–   January 2025 – Present
  Tech: Python,ML
- Developed a real-time women safety analytics system integrating AI-driven abuse detection models. – Collected and analyzed safety-related data to identify high-risk areas and patterns of abuse.Implemented Twilio API to trigger emergency calls/messages upon detecting distress signals.Used machine learning models to classify and predict safety levels based on real-time inputs. – Aimed to improve public safety through data-driven interventions and AI-based security measures.

CERTIFICATES

- NPTEL: Cloud Computing and Distributed System   January 2024 - March 2024
- Spoken Tutorial - PHP AND MYSQL   September 2024 – October 2024
- Udemy : Python Development and Data Science   January 2025 – February 2025

ACHIEVEMENTS

- Achieved 3-star rating in Java solutions on HackerRank.
- Achieved 3-star rating in 30 days of code On HackerRank

EDUCATION

GIET University   Gunupur, Odisha
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.06   *September-2022present*

Sri Chaitanya Junior Collage   Visakhapatnam, Andhra Pradesh
Intermediate; Percentage: 88.7%   *April 2020 - March 2022*

Sri Jagannath High School   Ranipeta, Odisha
Matriculation; Percentage: 67.33%   *April 2019 - March 2020*