HEMANT SUDARSHAN B

CST UNDER GRADUATE

CONTACT

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SKILLS

- **Creativity**
- **Leadership**
- **Communication**
- **Problem solving**
- **Collaboration**
- **AI Tools**

LANGUAGES

- **Japanese (Intermediate)**
- **English (Fluent)**
- **Hindi (Fluent)**
- **Telugu (Fluent)**

PROGRAMMING LANGUAGES

- Python
- C++
- C
- Java

ABOUT ME

- **Date of Birth:** October 29, 2002
- **Gender:** Male
- **Birth of Place:** Srikakulam, Andhra Pradesh, India

LEADERSHIP SKILLS

- **Student Coordinator responsible for the monthly repository in the Department of CST (Computer Science & Technology)**

- **Class Representative for the Department of CST (Computer Science & Technology)**

PROFILE

Seeking a challenging position in a dynamic organization to utilize my skills and contribute to company growth while continuously enhancing my abilities. A self-motivated and hardworking fresher, I am eager to work in a challenging computer science environment, improving my skills and knowledge. Dedicated to personal development, I aim to actively contribute to organizational growth and embrace continuous learning opportunities.

INTERNSHIP

- **AppiVa Software Pvt Ltd**   (AUG 2023 - SEP 2023)
  (**Generative AI, Machine Learning, Data Analytics.**)

  - Learned the basics of data preprocessing and data analytics.
  - Focused more on making basic data models from existing projects.
  - Improving the model's accuracy was the major objective.
  - **Git hub Link & Certificate:** [Click Here]

EDUCATION

- **BACHELOR DEGREE** (B-Tech)   **2021-2025**
  Bachelor of Computer Science & Technology
  Dayananda Sagar University
  CGPA- **7.45 (till 6th Sem)**

- **Higher Secondary Certificate** (HSC)   **2018-2020**
  Science stream
  Narayana Jr College
  CGPA- **9.12**

- **Secondary School Leaving Certificate** (SSLC)   **2017-2018**
  Timpany Senior Secondary School (CBSE)
  Percentage- **60%**

PROJECTS

One District One Product

Our project, "One District One Product," is a pioneering initiative aimed at empowering local producers by providing them with a platform to directly connect with consumers. By leveraging a hybrid model that caters to both retailers and wholesalers as well as individual consumers, we aim to revolutionize the way authentic local products are bought and sold.

Github Link: [Click Here]

Anti FAKE (Ai based Fact checker)

In the digital age, misinformation and deepfake technology challenge online information integrity. Fake news influences public opinion, disrupts social harmony, and erodes trust in legitimate sources. Deepfakes create hyper-realistic but fake videos and images, blurring reality and fiction and raising privacy, security, and ethical concerns. To address these issues, TruthTracker, a machine learning-based system, detects and combats fake news and deepfake content through its fake news detection and deepfake image detection modules. Its primary goal is to mitigate the spread of false information on the internet.

Github Link: [Click Here]

PROJECTS

AR BASED NAVIGATION

Navigating indoor spaces can be challenging, especially without GPS. Static maps on campuses lack the dynamic guidance needed for effective indoor navigation, leaving newcomers disoriented. This is especially problematic in university settings with complex layouts. Without continuous guidance, individuals may rely on trial and error or seek help, disrupting their experience. Augmented reality (AR) offers a solution by overlaying digital information onto the physical world via smartphone screens. This project uses AR to enhance indoor navigation, providing real-time visual cues for an intuitive wayfinding experience, similar to having a personal guide.

Github Link: [Click Here]

ACHIEVEMENTS

- Title: "Discovering Insights into Heart Health: A Survey of Data Mining and Machine Learning Methods" Conference: International Conference on Control, Instrumentation and Communication and Computational Technologies Conference Date: 27th & 28th April, 2023 Venue: Noorul Islam Centre for Higher Education, Nagerkoil, TN, 2023 (Presentation Completed).

- Patent title: "A System for Providing Security Using a Plurality of Factors for IoT Gadgets", Application Number: 202341040746. (Still under process)

- Title: "An Examination of Different Deep Learning Models for Transparent Identification of Tomato Leaf Diseases" This survey paper examines various deep learning models, including Inception V3, ResNet50, DenseNet with a Bins strategy, YOLOv8 through RoboFlow 2.0, and a hybrid model combining MobileNetV2 with Extreme Learning Method (ELM). The study focuses on accuracy requirements, efficiency considerations, and computational resource needs for these high-efficiency models. (Acceptance completed : Click here)

CERTIFICATIONS

- Successfully completed the "Become job-ready in coding: Basics of Data Structures and Algorithm course" and obtained certification on (July 2024)
- Successfully completed the "NPTEL - Indian Institute of Technology, Kharagpur with 82% score" and obtained certification on (Nov 2023)
- Successfully completed IBM Z DATATHON - GLOBAL HACKATHON - Shooting Stars Foundationon (Oct 2023).
- Successfully completed the "Agile Job Simulation offered by JP MORGAN CHASE & CO " and obtained certification on (Aug 2023)
- Successfully completed RapidMiner Altair' Machine Learning Master Certification on (Aug 2023).
- Successfully Participated in "Level 1.2 E-Commerce & Tech Quiz of the Flipkart GRiD 5.0 - Software Development Track organised by the Flipkart (Aug 2023).
- Successfully Participating in Coding Ninjas Code for Freedom Score: Rank : 1116 · (Aug 2023)
- Successfully completed the "Research Topics in ML & DL" course offered by INOSYS SPRINGBOARD" and obtained certification on (July 2023).
- Successfully completed the "Python for Data Science: Advanced Data Visualization Using Seaborn" course offered by INOSYS SPRINGBOARD and obtained certification on (July 2023).
- Successfully completed RapidMiner Altair' Machine Learning Professional Certification on (May 2023).
- Successfully completed RapidMiner Altair' Data Engineering Professional Certification on (April 2023).
- Successfully completed the Value-added course on "Introduction to IoT and Arduino Programming" organized by the Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University on (18th-19th June and 25th-26th June 2022).
- Successfully participated in the 5th workshop on Virtual Labs held during 17th-31st January 2022 by IIT Kharagpur

Declaration: I hereby affirm that the information provided above is true and accurate to the best of my knowledge and belief.

Yours Sincerely

(Hemant Sudarshan Balivada)