VISHWAS CHANDRA C

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OBJECTIVE

Machine Learning Enthusiast seeking opportunities to leverage analytical skills for innovative solutions and data-driven decision-making. Committed to ongoing learning and the advancement of AI applications.

EDUCATION

B-Tech in Computer Science (AIML), Presidency University 2021 - 2025
Pre-University Studies, SRI CHAITANYA PU College 2019 - 2021
Class 10, CBSE, Kendriya Vidyalaya 2009 - 2019

PROGRAMMING SKILLS

Languages	Python, C, C++, SQL
Core Subjects	DBMS, Deep learning, Cloud computing, Data mining
Libraries	NumPy, Pandas, Tensorflow, Scikit-Learn

EXPERIENCE

Intern HAL Bangalore 07/2023 - 08/2023
HAL (Hindustan Aeronautics Limited), MCSRDC
Successfully integrated MIL-1553B message structures and MIL-STD-1553 into the mission-critical application. Engaged in AI-related tasks using Python, TensorFlow, PyTorch, OpenCV, MLFlow.

Virtual Intern, CodSoft Bangalore 09/2023 - 10/2023
CodSoft: Innovating tech solutions
Worked on machine learning projects focusing on natural language processing and data analysis. Developed AI models for customer churn prediction and spam SMS detection using Python, TensorFlow, PyTorch, Scikit-Learn, OpenCV, MLFlow.

Under 25 Universe January 2024 - March 2024
Team Lead
Led a dynamic team of 80 Hustlers , fostering innovation and collaboration. Spearheaded initiatives, ensuring success and high momentum. Acted as a bridge between team and stakeholders, facilitating communication. Cultivated trust and inclusivity. Leveraged marketing insights to optimize performance.

Under 25 Universe February 2024 - March 2024
Student Lead
Coordinated student registrations, organized promotional events. Collaborated with educational institutions for outreach. Facilitated auditions, ensured fairness. Managed logistics for talent summits, provided support and guidance.

CERTIFICATES

- Certified in 'Introduction to Supervised & Unsupervised Machine Learning' from Simplilearn Skillup.
- Completed a self-paced training course in 'MATLAB for Data Processing and Visualization' with a 100% achievement.

PROJECTS

EmoSense: Advanced emotion detection model for data-driven sentiment analysis. The model's versatility allows processing diverse data types, including images and videos, providing valuable insights across multiple domains. Its interpretability provides insights into the factors influencing emotion recognition, promoting a deeper understanding of emotional data. GitHub

AeroClassify: Aircraft image classification project utilizing a compact feature model for efficient and accurate classification. AeroClassify achieved accurate classification of aircraft images with fast image processing, vital for real-time aircraft recognition. The project demonstrated applicability for aircraft type identification, contributing to aviation safety and maintenance efficiency. GitHub

AlertDrive: Driver drowsiness detection project implementing a system for timely alerts and prevention. The system provided real-time monitoring of driver alertness, crucial for preventing accidents. AlertDrive showcased adaptability to various vehicle types and environments, highlighting its applicability in the automotive industry for safer driving. GitHub

AquaFlow: Project focused on mitigating waterlogging issues through innovative and sustainable solutions. AquaFlow introduced effective water management techniques to prevent and alleviate waterlogging in urban areas. The project enhanced urban resilience, improving the ability of cities to cope with heavy rainfall and drainage challenges through sustainable and eco-friendly approaches. GitHub

RESEARCH AREAS

EdgeVantage: Pioneering Edge Computing for Enhanced Real-Time Processing. Explored the potential of edge computing for real-time processing, highlighting benefits like reduced latency and improved efficiency in distributed systems.

SpeakWellTech: Pioneering Machine Learning in Speech Therapy for Specially-Abled Children. Developed and implemented interactive applications for personalized feedback and exercises. Analyzed speech patterns, evaluated effectiveness, demonstrating improved communication in children.

ACHIEVEMENTS / CO-CURRICULARS

Winner of the event championship in GROUP SINGING at EUPHORIA-23.

Winner of AI-DEATHON-23, crafting AI-driven solutions for real-world challenges.

Runners-up in GROUP SINGING at EUPHONIA-23, a national-level music competition.