VISHWAS CHANDRA . C

Machine Learning Enthusiast

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Career Objective

Enthusiastic newcomer in machine learning and data science, dedicated to leveraging analytical skills to craft inventive solutions and facilitate data-driven decision-making. Committed to ongoing learning and the advancement of AI applications that autonomously adapt and optimize, fostering smarter, self-improving systems

Education

Presidency University

B-TECH Computer science in AIML — 07/2021 - Present

SRI CHAITANYA PU College

Completed Pre-University studies with a focus on Physics, Chemistry, Mathematics, and Computer Science in Class 12. — 2019 - 2021

Kendriya Vidyalaya

Class 10. CBSE — 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

HAL

Banglore ka

Intern — 07/2023 - 08/2023

HAL (**Hindustan Aeronautics Limited**) - Leading Indian aerospace and Defence manufacturer.

MCSRDC ,**Mission and Combat Systems Research and Design Center**

- Successfully integrated MIL-1553B message structures and MIL-STD-1553 into the mission-critical application.
- Gained in-depth knowledge of the Software Development Life Cycle (SDLC) and software development models.
- Engaged in AI-related tasks and projects, contributing to the company's artificial intelligence initiatives.
- Tech Stack: Python, TensorFlow, PyTorch, OpenCV, MLFlow

Codsoft

Banglore ka

Virtual Intern at CodSoft — 09/2023 - 10/2023

CodSoft: Innovating tech solutions

- Worked on machine learning projects with a focus on natural language processing and data analysis.
- Gained experience in natural language processing and data analysis.
- Developed AI models for customer churn prediction and spam SMS detection.
- Tech Stack: Python, TensorFlow, PyTorch, Scikit-Learn, OpenCV, MLFlow

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. — Matlab

Projects

EmoSense

https://github.com/punyathma/EmoSence

Advanced emotion detection model for data-driven sentiment analysis

- Versatility: The model's ability to process diverse data types, including images, videos, and allows it to provide valuable insights in multiple domains.
- Interpretability : EmoSense provides insights into the factors influencing emotion recognition, promoting a deeper understanding of emotional data.

AeroClassify

https://github.com/punyathma/AeroClassify

AeroClassify : an aircraft image classification project, utilizing a compact feature model for efficient and accurate classification.

- High Accuracy : AeroClassify achieved accurate classification of aircraft images.
- Speed: AeroClassify provided fast image processing, vital for real-time aircraft recognition.
- Applicability: Demonstrated the model's potential for aircraft type identification, contributing to aviation safety and maintenance efficiency.

AlertDrive

https://github.com/punyathma/AlertDrive

AlertDrive, a driver drowsiness detection project, implementing a system for timely alerts and prevention.

- Real-Time Monitoring : The system provided real-time monitoring of driver alertness, crucial for preventing accidents.
- Adaptability : AlertDrive's adaptability to various vehicle types and environments highlighted its applicability in the automotive industry for safer driving.

AquaFlow

AquaFlow, a project focused on mitigating waterlogging issues through innovative and sustainable solutions.

- Efficient Water Management: AquaFlow introduced effective water management techniques to prevent and alleviate waterlogging in urban areas.
- Urban Resilience: Enhanced the ability of cities to cope with heavy rainfall and drainage challenges, improving urban resilience.
- Sustainability: The project emphasized sustainable and eco-friendly approaches, promoting long-term solutions to waterlogging.

Research areas

SpeakWellTech
Ongoing -Pioneering Machine Learning in Speech Therapy for Specially-Abled Children

EdgeVantage
Ongoing-Pioneering Edge Computing for Enhanced Real-Time Processing

Achievements / Co-Curriculars

EUPHORIA-23
Event championship winner-school of CSE&ISE
Winners group singing

AI-DEATHON -23
Winner of an event centered around crafting AI-driven solutions for real-world challenges

EUPHONIA-23
National level music competition runners of GROUP SINGING