# 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.

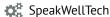
- Real-Time Monitoring: The system provided real-time monitoring of driver alertness, crucial for preventing accidents.
- Adaptability: AlertDrive's adaptability to various vehicle types and environments highlighted its applicability in the automotive industry for safer driving.

### 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



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



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 Al-driven solutions for real-world challenges

**EUPHONIA-23** 

National level music competition runners of GROUP SINGING