VISHWAS CHANDRA C

+91 8431184681 ◇ Bangalore, India
vishwaschandra1905@gmail.com ◇ linkedin ◇ GitHub ◇ Portfolio Website

OBJECTIVE

Passionate fresher in machine learning and data science, eager to apply analytical skills to create innovative solutions and drive data-driven decision-making. Committed to continuous learning and advancing AI applications that can autonomously adapt and optimize, leading to more intelligent and self-improving applications.

EDUCATION

Presidency University ,B-Tech in Computer Science (AIML) - 7.2 CGPA — Jan 2021 - July2025
Sri Chaitanya PU College,Class 12 PreUniversity , PCMC - 72% — 2019 - 2021
Kendriya Vidyalaya-Mg railway colony, Class 10, CBSE - 61% — 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
Intern
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.
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.

PROJECTS

"EmoSense" Advanced emotion detection model : 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" Efficient Aircraft Image Classifier : 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"Real-Time Driver Drowsiness Detection System : 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"Sustainable Urban Water Management Solution : 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

"WarBot" Tactical AI for Battleship Game: WarBot is an advanced AI system developed in Python specifically for the Battleship game. It uses sophisticated algorithms to autonomously plan and execute strategic moves, aiming to outwit opponents in naval combat simulations. GitHub

"TimeWise" AI-Powered Timetable Scheduler: TimeWise is a timetable scheduling tool built using Jupyter Notebook and AI techniques. It intelligently assigns schedules and time slots, optimizing resource allocation and minimizing conflicts. It's designed to streamline scheduling processes for educational institutions and businesses.GitHub

"LocateX" Dynamic Local Services Search Engine: LocateX is a dynamic search engine developed using Servlets and Java for discovering local services. It efficiently organizes and presents service providers, offering users a straightforward way to find and engage with local businesses and services.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. (**Under publication process**)

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.(**Under publication process**)

DineSense: Enhancing Customer Review Analysis for Restaurants: A Multilingual and Multimedia Approach,Developed and implemented a novel approach using multilingual and multimedia techniques to analyze customer reviews for restaurants. Utilized natural language processing (NLP) and multimedia data processing to extract insights from diverse review sources.(**Under publication process**)

CERTIFICATES/ACHIVEMENTS

- 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.
- Certified in 'Getting Started with Full Stack Java Development' from Simplilearn Skillup.
- Certified in'Python (Basic)' **By HackerRank**It covers topics like Scalar Types, Operators and Control Flow, Strings, Collections and Iteration, Modularity, Objects and Types and Classes
- Certified in 'Problem Solving (Basic)'**By HackerRank** It covers basic topics of Data Structures (such as Arrays, Strings) and Algorithms (such as Sorting and Searching)
- 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.