MADHANADEVA D

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Education

B.Tech AI & DS - Dr. Mahalingam College of Engineering and Technology, Pollachi. 2021 - 2025
CGPA - 8.19

12th - Brindavan Hr. Sec. School, Pattukkottai. 2019 - 2021
Percentage - 92.4%

10th - Amirta Vidya Vikaas Hr. Sec. School, Aranthagi. 2018 - 2019
Percentage - 91.6%

Technical Skills

Programming Languages:
Java, Python

Web Development:
HTML5, CSS3

Database Management:
MySQL

Developer Tools:
Excel, Power BI,
Figma, VS Code

Professional Experience

Web Developer Intern Trainee Jun 2023 – Jul 2023 | Remote
Open Weaver, Chennai, India

- Designed and developed responsive web pages using HTML, CSS, and JavaScript.
- Collaborated with the team to upgrade and implement many websites.
- **Tech Stack:** HTML5, CSS3

Projects

Text Extraction-AI Chat Apr 2025 – May 2025
Python, LLM, Milvus, FastAPI, Streamlit

- Text-Extraction-AI is a tool that extracts text from URLs, images, and PDF files, then stores it in a Milvus Database. It uses smart scraping, OCR, and PDF parsing to get structured text. The system uses DeepSeek LLM to find relevant information and generate answers with source links. A simple Streamlit interface lets users upload files, ask questions, and view results easily.
- **GitHub:** https://github.com/Madhanadeva-D/Text-Extraction-AI

DEEP FAKE IMAGE DETECTION Jan 2025 – Apr 2025
Python, Streamlit

- The deep fake image detection project employs a Convolutional Neural Networks (CNNs) model to classify images as real or fake. Built with Streamlit, the app allows users to upload images and receive instant authenticity predictions. Trained on a comprehensive dataset, the CNN model ensures quick and accurate detection, helping to combat manipulated media.
- **GitHub:** https://github.com/Madhanadeva-D/Deep-Fake-Img-Detection

CARBON EMISSION PREDICTION AND ANALYSIS Feb 2024 - May 2024
Python, Streamlit

- The carbon emission prediction project uses a Gradient Boosting model to estimate emissions based on inputs like energy consumption engine size, cylinder size etc. Developed with Streamlit, the app allows users to input data and receive accurate emission predictions. This project leverages the Gradient Boosting algorithm to aid in reducing carbon footprints.
- **GitHub:** https://github.com/Madhanadeva-D/CO2-Emission-Prediction-and-Analysis

CHAT APPLICATION WITH AI CHAT BOT Jan 2023 – Apr 2023
Kotlin

- The AI chatbot project, built with Kotlin in Android Studio, leverages an API for real-time, interactive communication. It features an intelligent chatbot that provides context-aware responses. The design ensures a seamless and engaging user experience. The integration of the API enhances the chatbot's responsiveness and functionality.
- **GitHub:** https://github.com/Madhanadeva-D/Aco-bot

Certificates

- TCS iON Career Edge - Young Professional Jan 2024
- AWS Academy - Machine Learning Foundations Dec 2023
- Coursera - Machine Learning with Python Oct 2023
- Udemy - Figma UI UX Design Essentials Sep 2023
- Coursera - Exploratory Data Analysis for Machine Learning Mar 2023

Additional Skills

- Strong problem-solving and analytical skills.
- Ability to work collaboratively in a team environment
- Skilled at drawing and editing, with a keen eye for visual aesthetics and creativity
- Self-motivated and eager to learn new technologies.