

Vishwahari R

Bachelor of Engineering in Artificial Intelligence and Machine Learning
Tiruchengode, TN

+91-9344083607

vishwahari4164@gmail.com

github.com/Vishwahari

www.linkedin.com/in/vishwahari-r/

Education

B.Tech in Artificial Intelligence and Machine Learning

Oct 2022 – May 2026

K.S. Rangasamy College of Technology, Tiruchengode, TN

CGPA: 8.40

HSE (+2)

Jun 2021 – May 2022

Jaycees Matriculation Higher Secondary School, Erode, TN

Percentage: 79.5

SSLC (10th)

Jun 2019 – May 2020

Jaycees Matriculation Higher Secondary School, Erode, TN

Percentage: 92.8

Technical Skills and Interests

Languages: Java, Python

Scripting: HTML, CSS, JavaScript, Bootstrap

Database: MySQL

Tools & Technologies: Git, Jira, VS Code, Google Colab, Excel

ML/DL: Scikit-learn, TensorFlow, Pandas, NumPy, Matplotlib

Areas of Interest: Artificial Intelligence, Machine Learning, Web Development, Software Engineering

Projects

Eco Weed AI Robot

Jan 2024 – Present

AI-powered robot to detect and remove weeds in paddy fields.

- Developing an AI robot using Python and OpenCV to identify and remove weeds.
- Integrating Raspberry Pi, Arduino, GSM, and ESP32 for automation.
- Creating a mobile app for remote control and monitoring.
- Training a convolutional neural network with TensorFlow for real-time weed classification.
- Technology Used:** Python, OpenCV, TensorFlow, Raspberry Pi, Arduino, GSM, ESP32, Mobile App.

Mental Health Prediction App

Jun 2024 – Jul 2024

Machine learning-based Streamlit app to predict stress levels from lifestyle data.

- Built a Random Forest model with SMOTE for balanced predictions.
- Developed an interactive Streamlit web app with Plotly for visualization.
- Preprocessed survey data using Pandas to ensure model compatibility.
- Deployed the app on a cloud platform for public access and gathered user feedback.
- Technology Used:** Python, Streamlit, scikit-learn, Plotly, Pandas, SMOTE.

Educational AI Chatbot

Dec 2024 – Jan 2025

An interactive web-based chatbot designed to guide students in academic and career planning.

- Built a multi-page website with login, course selection (Polytechnic / Engineering) and AI-driven guidance.
- Integrated a bilingual chatbot (Tamil/English) for information on workshops, hackathons, internships and placements.
- Implemented a responsive frontend using HTML, CSS, JavaScript and connected to a Python Flask backend.
- Deployed the application on Render hosting platform for live access.
- Technology Used:** Python (Flask), HTML, CSS, JavaScript, Render.

Experience

AI Data Labeling Intern

Jul 2024 – Sep 2024

alfaTKG Integrated Solutions India Pvt Ltd | Remote

- Collected and cleaned video frames for industrial automation projects.
- Labeled images into categories to build high-quality datasets.
- Utilized Python scripts to automate data cleaning tasks and collaborated with the team to ensure data consistency.

AI Engineer Intern

Feb 2025 – May 2025

Certainti.AI | Remote

- Implemented semantic search using ChromaDB clustering and FAISS indexing.
- Developed an Intent Framework and updated related MySQL tables.
- Built an AI pipeline to summarize Excel data using LLM prompts.
- Authored documentation and contributed to GitHub projects.
- Tested and optimized AI models for improved query response times.

Achievements

- HackerRank: Python, Java, Problem Solving Certificates (hackerrank.com/profile/vishwahari06)
- LeetCode: 50+ Problems Solved (leetcode.com/u/vishwahari/)
- NPTEL: Python for Data Science, Data Analytics
- Coursera: AI for Everyone, Deep Learning
- GUVI: Practical ML, ML 101, Scikit-learn