

Vishwahari R

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

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Objective

I am a Java developer with knowledge in object-oriented programming, AI, and web technologies. I am looking for an opportunity to apply my skills in software development and grow by contributing to meaningful projects.

Education

B.Tech in Artificial Intelligence and Machine Learning K.S. Rangasamy College of Technology, Tiruchengode, TN CGPA: 8.40	Oct 2022 – May 2026
HSE (+2) Jaycees Matriculation Higher Secondary School, Erode, TN Percentage: 79.5	Jun 2021 – May 2022
SSLC (10th) Jaycees Matriculation Higher Secondary School, Erode, TN Percentage: 92.8	Jun 2019 – May 2020

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 AI-powered robot to detect and remove weeds in paddy fields. <ul style="list-style-type: none">Developing an AI robot using Python and OpenCV to identify and remove weeds.Integrating Raspberry Pi, Arduino, and ESP32 for automation.Technology Used: Python, OpenCV, TensorFlow, Raspberry Pi, Arduino, ESP32.	Jan 2024 – Present
Mental Health Prediction App Machine learning-based Streamlit app to predict stress levels from lifestyle data. <ul style="list-style-type: none">Built a Random Forest model with SMOTE for balanced predictions.Developed an interactive Streamlit web app with Plotly for visualization.Technology Used: Python, Streamlit, scikit-learn, Plotly, Pandas, SMOTE.	Jun 2024 – Jul 2024
Educational AI Chatbot An interactive web-based chatbot designed to guide students in academic and career planning. <ul style="list-style-type: none">Built a multi-page website with login and AI-driven guidance.Integrated a bilingual chatbot (Tamil/English) using Python Flask.Technology Used: Python (Flask), HTML, CSS, JavaScript.	Dec 2024 – Jan 2025

Internship

AI Data Labeling Intern alfaTKG Integrated Solutions India Pvt Ltd Remote <ul style="list-style-type: none">Collected and cleaned video frames for industrial automation projects.Labeled images into categories to build high-quality datasets.	Jul 2024 – Sep 2024
AI Engineer Intern Certainti.AI Remote <ul style="list-style-type: none">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.	Feb 2025 – May 2025

Achievements

- HackerRank: Python, Java, Problem Solving Certificates (hackerrank.com/profile/vishwahari06)
- LeetCode: 100+ Problems Solved in Java (leetcode.com/u/vishwahari/)
- NPTEL: Python for Data Science, Data Analytics
- Coursera: AI for Everyone, Deep Learning
- GUVI: Practical ML, ML 101, Scikit-learn
- Part of the top 20 team shortlisted in MSME for Eco Weed AI at college level.
- Part of the top 10 team shortlisted in BHUMI Hackathon for Educational AI Chatbot.
- Applied for grant for the Eco Weed AI design.