

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

## Technical Skills and Interests

**Languages:** Java, Python  
**Scripting:** HTML, CSS  
**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

<b>Eco Weed AI Detection</b> • Built a CNN model using Python and OpenCV for weed detection in paddy fields. • Optimized the model for accurate and real-time classification. • <b>Technology Used:</b> Python, OpenCV, CNN.	Jan 2024 – Present
<b>Mental Health Prediction App</b> • Trained a Random Forest model with SMOTE to predict stress levels. • Developed an interactive Streamlit dashboard with Plotly visualizations. • <b>Technology Used:</b> Python, Streamlit, scikit-learn, Plotly, Pandas, SMOTE.	Jun 2024 – Jul 2024
<b>Educational AI Chatbot</b> • Developed a multilingual chatbot (Tamil, English, Malayalam, Hindi, Telugu) for student guidance. • Built a Flask-based web app with login and AI-driven conversation flow. • <b>Technology Used:</b> Python (Flask), HTML, CSS, JavaScript.	Dec 2024 – Jan 2025

## Internship

<b>AI Data Labeling Intern</b> alfaTKG Integrated Solutions India Pvt Ltd   Remote Stipend: 10,000/month • Collected and cleaned video frames for industrial automation projects. • Labeled images into categories to build high-quality datasets.	Jul 2024 – Sep 2024
<b>AI Engineer Intern</b> Certainti.AI   Hybrid Stipend: 15,000/month • 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.