

HARDIK PATIDAR

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SUMMARY

Computer Science student with strong foundations in algorithms, ML, and full-stack development. Experienced in Python, Java, C++, and building AI-driven applications using ML frameworks, REST APIs, and scalable architectures. Passionate about solving real-world problems and delivering impactful solutions.

EDUCATION

SRM Institute of Science and Technology, Tamil Nadu
B.Tech in Computer Science and Engineering (Big Data Analytics)

June 2023 – May 2027
CGPA: 9.3/10

SKILLS

Programming Languages	Python, Java, C++, JavaScript, HTML, CSS
Machine Learning	Supervised Learning, CNNs, Model Evaluation, Data Preprocessing
ML Frameworks	TensorFlow, Keras, PyTorch (Basic), scikit-learn, Pandas, NumPy
AI Tools	Jupyter Notebook, Google Colab, Flask (Model Deployment)
Backend / APIs	Node.js, Express.js, Flask, REST APIs, MongoDB, SQL
Frontend	React.js, Bootstrap, TypeScript (Learning)
CS Fundamentals	Data Structures & Algorithms, Systems Programming
Tools	Git, GitHub

PROJECTS

MediAssist-AI

April 2025

- Developed an AI-driven medical recommendation platform using React and Flask.
- Trained a machine learning symptom-analysis model using scikit-learn and NLP preprocessing.
- Built REST APIs for real-time disease and medicine prediction; integrated MongoDB.

[GitHub](#) — [Live Demo](#)

Crop Disease Detection System

July 2025

- Built a CNN model using TensorFlow/Keras to classify crop diseases.
- Implemented OpenCV preprocessing and a Flask API for real-time predictions.

Private Project

Product Eco-Friendliness Index (PEFI)

Oct 2025

- Trained and optimized ML models (RF, XGBoost), achieving 86 % accuracy on eco-friendliness prediction.
- Performed feature engineering and evaluation using scikit-learn.
- Created a prediction pipeline with saved model + scaler for deployment.

[GitHub](#)

CERTIFICATIONS

- Oracle Cloud Infrastructure — Generative AI Professional (Aug 2025)
- Front End Web Development Virtual Internship — AICTE x Edunet (Sep 2025)
- DBMS Course — Scaler (Mar 2025)