

SALENDRA HARILAXMAN

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Summary

Machine Learning Enthusiast and Full Stack Developer with a strong foundation in supervised learning techniques, including regression and classification. Experienced in Python, React.js, FastAPI, TensorFlow, and real-world data problem-solving. Skilled at developing AI-driven solutions and building mobile apps with Flutter. Passionate about applying machine learning to real-world challenges, with hands-on experience in crop disease detection, recommendation systems, and sustainable farming projects. Always eager to learn and grow in the field of AI and machine learning.

Professional Experience

Hexart.in (by HEXAGON) Nov 2025 – Apr 2026

Student Intern — Full Stack Developer · AI Engineer · App Development

- Working on front-end development for the NEAAA food delivery application with custom feature integrations.
- Developing an ML-based image classification system for VaccSafe using real-world dog image data.

Technical Projects

NEAAA Dec 2025 – Present

Building a location-based food search platform with advanced discovery features.

- Tools and Technologies: Flutter, Dart, Supabase, Firebase, FastAPI, Inverted Index, Sentiment Analysis
- Implementing heatmaps, inverted indexing, and sentiment analysis for food recommendations.

VACCSAFE Nov 2025 – Apr 2026

Developing an AI system to identify dog vaccination status using nose print images.

- Tools and Technologies: Python, Roboflow, React.js, Firebase, Supabase, YOLOv8, DINOv2
- Collected 3,000 dog images and annotated 500 images for supervised model training.

Skills

Languages & Frameworks: Python · React.js · FastAPI · Flutter · Java · C

Databases & Backend: MySQL · Firebase · Supabase · REST API Integration

Core Concepts: Data Structures · OOP · Problem Solving

DevOps & Containers: Docker · GitHub Actions · CI/CD Pipelines

ML / AI: Supervised Learning · Classification & Regression Trees (CART) · Deep Learning · TensorFlow · Neural Networks · Random Forest · Performance Tuning

Certifications

- Supervised Machine Learning: Regression and Classification — Coursera
- Advanced Learning Algorithms — Stanford University via Coursera

Key Achievements

- 1st Prize, Team VibeSeek — VNR DESIGN-A-THON 2025, VNRVJIET, Hyderabad
- 2nd Prize, Team VibeSeek — Epitome'25 Hackathon, Gokaraju Rangaraju Engineering College
- 2nd Prize, Team VibeSeek, Sustainability Domain — HackSavvy-25, MGIT

Education

B.Tech – CSE (AI & ML) | CMR College of Engineering & Technology 2023 – Present