

Vivek Pakhare

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Machine Learning

"Machine Learning Engineer with 2+ years of experience developing and deploying predictive models and data-driven solutions. Skilled in Python, TensorFlow, PyTorch, and scikit-learn, with hands-on expertise in natural language processing, computer vision, and model optimization. Proven track record of improving model accuracy by 15% and reducing processing time through feature engineering and algorithm tuning. Adept at collaborating with cross-functional teams to translate business challenges into scalable AI solutions. Passionate about leveraging data and machine learning to drive innovation and measurable impact.

EDUCATION

Degree

Dr. Babasaheb Ambedkar Technological University

01/2023 - 01/2026

CERTIFICATIONS

Responsive Web Design

freeCodeCamp

02/2025 - Present

Python for Data Science and Machine Learning Bootcamp

Udemy

10/2024 - Present

Introduction to Generative AI

Google

08/2024 - Present

Supervised Machine Learning: Regression and Classification

Stanford University

PROJECTS

Portfolio Website

Personal Project

08/2025 - 08/2025

Designed and deployed a personal static website using HTML and CSS. Focused on clean UI, typography, and styling while applying Git version control. Demonstrated initiative in showcasing skills online and experimenting with design workflows.

Student Marketplace Web Application

Academic / Community Project

05/2024 - 08/2024

Developed a responsive front-end for a student marketplace platform using HTML, CSS, and JavaScript. Designed login, dashboard, and resource-sharing interfaces with modular structure for future backend integration. Showcased creativity, UI/UX design, and collaboration skills.

Face Recognition System

Personal / Independent Project

01/2023 - 04/2023

Built a computer vision pipeline in Python using OpenCV to detect and recognize faces from images and webcam input. Implemented Haar cascade classifiers and feature tuning to improve accuracy. Documented the project in GitHub with scripts and instructions. Demonstrates machine learning, computer vision, and Python development skills.

SKILLS

CSS, Django, HTML5, Matplotlib, NumPy, Pandas, PyTorch, Scikit-learn, Seaborn, SQL, TensorFlow