



CONTACT

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MACHINE LEARNING

- Python

Scikit-Learn

NumPy
- Pandas

Feature Engineering

XGBoost
- SVM

Ensemble Methods

DEEP LEARNING

- TensorFlow

PyTorch

Keras

CNN
- RNN / LSTM

Transfer Learning

NLP & GENERATIVE AI

- LangChain

RAG

OpenAI API
- Groq API

TF-IDF

NLTK

SpaCy
- Prompt Engineering

FAISS

TOOLS & DEPLOYMENT

- FastAPI

Streamlit

React

Next.js
- MongoDB

Docker

Git

Vercel
- Jupyter

SOFT SKILLS

- Analytical Problem Solving
- Continuous Self-Learning
- Team Collaboration
- Project Ownership
- Attention to Detail

QUICK STATS

- 15+

Projects Built
- 1900+

GitHub Contributions
- 50+

DSA Problems Solved
- 8.98

CGPA

Harsh Pariya

Machine Learning Engineer | AI Developer | Python Developer

B.Tech Computer Science & Engineering (2024-2028) · Rai University, Ahmedabad · CGPA: 8.98 / 10

Open to AI / ML Internships

PROFESSIONAL SUMMARY

Computer Science undergraduate with hands-on experience in **Machine Learning, Deep Learning, NLP, and Generative AI**, built through self-driven projects using **Python, Scikit-Learn, TensorFlow, and PyTorch**. Proficient across the full ML lifecycle - from data preprocessing and model training to production deployment via **FastAPI** and **Streamlit**. Recently developed LLM-powered tools using **LangChain, RAG pipelines, Groq API, and the OpenAI API**. Actively seeking an **AI / ML Internship** to contribute to real-world projects and grow alongside experienced engineers.

EDUCATION

B.Tech - Computer Science & Engineering

Rai University, Ahmedabad | 2024 - 2028

CGPA: 8.98 / 10

- Coursework: Data Structures & Algorithms, Software Engineering, Statistics, Databases
- Participated in hackathons, coding contests, and AI/ML project challenges
- Industrial visit to Adani Power Plant; gained exposure to industrial automation systems

TECHNICAL PROJECTS

AI Career & Research Assistant

FEATURED PROJECT

Full-stack generative AI platform built from scratch - Next.js 14 frontend with a custom Groq-powered Python backend. Features agentic web search, a PDF chatbot using RAG, Whisper-based voice input, vision analysis, and an ATS resume reviewer - all in a single application.

Live Demo

Frontend Repo

Backend Repo

Stack: Next.js 14 · Python · Groq API · LangChain · RAG · MongoDB · Tailwind CSS

SquidAI - Intelligent Coding Assistant

Dec 2025

LLM-powered assistant for code generation, bug explanations, and technical Q&A through a full-stack interface.

Live Demo

GitHub

Stack: React · Node.js · Generative AI · REST API

California House Price Prediction

Mar 2026

XGBoost regression model on the California housing dataset achieving an R^2 of 85.03%. Deployed with a FastAPI backend and Next.js frontend.

Live Demy

GitHub

Stack: Python · XGBoost · FastAPI · Next.js · Vercel

Brain Tumor Detection - CNN

May 2026

TensorFlow/Keras CNN classifying MRI brain scans into four categories: Glioma, Meningioma, Pituitary, and No Tumor. Trained from scratch on a public medical dataset.

Live Demo

GitHub

Stack: Python · TensorFlow · Keras · CNN · Vercel

KEY ACHIEVEMENTS

- Competed in AI/ML-focused hackathons and college-level coding contests
- Completed AI Tools with ChatGPT workshop (Be10x) and Cloud DevOps Roadmap webinar (GUVI x HCL)
- Regularly practice DSA on competitive coding platforms to strengthen problem-solving skills
- Maintained 1,900+ GitHub contributions across 15+ ML and full-stack projects

Resume Screening AI

Apr 2026

Multi-category resume classifier using XGBoost and TF-IDF vectorization. Achieved 88%+ accuracy; trained, evaluated, and deployed end-to-end on Streamlit.

Live Demo

GitHub

Stack: Python · XGBoost · TF-IDF · NLP · Streamlit

Fake News Detection - NLP

Jun 2026

Linear SVM trained on 44,000+ news articles using TF-IDF features, achieving 99.29% test accuracy. Deployed as an interactive Streamlit web app.

Live Demo

GitHub

Stack: Python · SVM · TF-IDF · NLP · Streamlit

Image Caption Generator

May 2026

Encoder-decoder model using InceptionV3 for visual feature extraction and an LSTM decoder to generate natural-language captions for uploaded images.

Live Demo

GitHub

Stack: Python · TensorFlow · CNN · LSTM · Streamlit

CERTIFICATIONS & WORKSHOPS

AI Tools & ChatGPT Workshop

Be10x | Successfully Completed

[View on LinkedIn](#)

Cloud DevOps Roadmap 2026

GUVI x HCL | Webinar Completed

[View on LinkedIn](#)

CORE COMPETENCIES

ML & Data

Scikit-Learn · NumPy · Pandas · XGBoost · SVM · Feature Engineering · Model Evaluation

Deep Learning

TensorFlow · PyTorch · Keras · ANN · CNN · RNN · LSTM · Transfer Learning

Web & APIs

React · Next.js · Node.js · FastAPI · REST APIs · MongoDB · Full-Stack Development

Dev Tools

Git · Docker · Streamlit · Vercel · Jupyter · VS Code · LangChain · Groq API