

Preet Ghanshyam Dave

AI / ML Engineer

Ahmedabad, India · iampreetdave@gmail.com · +91 90810 25277 · github.com/iampreetdave-max · linkedin.com/in/preet-dave-452023271 · iampreetdave.me

SUMMARY

AI/ML Engineer specializing in applied machine learning, LLM and agentic systems, and computer vision, with hands-on experience shipping client-facing ML software end to end. Comfortable owning a problem from data and feature engineering to forecasting, RAG pipelines, agentic LLM workflows, and offline CV systems, all backed by FastAPI/Next.js services, Docker, and CI. Promoted from ML intern to full-time engineer. B.Tech CSE (AI & ML), expected 2026.

EXPERIENCE

AI/ML Software Engineer · Agility Mar 2026 – Present · Gujarat (On-site)

- Develop and deploy machine-learning models in direct collaboration with clients, translating business needs into production features that enhance existing software.
- Lead delivery on client ML projects at a fast-moving startup, owning problems from data and modelling through deployment.
- Promoted from Machine Learning Intern (Sep 2025 to Mar 2026) to full-time engineer over a 10-month tenure on the strength of real-world delivery.

Project Lead · Gujarat Technological University (GTU) Oct 2023 – Present · Gujarat

- Lead development of CodeTransform, a Python to JavaScript code converter, from inception to a GTU state-level Design Engineering presentation; designed the architecture while building the product.

Student Intern, AI/ML · Stealth AI Startup Jan 2025 – Aug 2025 · Remote

- Owned ML models and pipelines applying reinforcement-learning techniques; built an MVP, pitched it to partners, and helped prepare the project for a Y Combinator application.

Team Lead · Smart India Hackathon (SIH) Aug 2024 – Dec 2024 · National

- Directed a team building a virtual herbal garden with detailed 3D models, presented at the national level.

SELECTED PROJECTS

Therma Netra, Digital Twin of India's Climate. AI digital twin on national datasets (IMD/INSAT/IMDAA/CPCB) powering forecast, urban-heat & air-quality apps; built for ISRO BAH 2026 (PS #5). Python · Streamlit · Climate ML

CityShield · VisionScan, Unified AI Policing Platform. Offline (CPU) platform fusing physical + cyber crime on a GIS map; CCTV anomaly to case to patrol dispatch; 77 backend tests. Built for KANAD S.H.I.E.L.D. 2026. FastAPI · CLIP · FAISS · YOLOv8 ↗ repo

Arbiter, Agentic Legal AI. Gemini agents (Google ADK) research live law and draft 6 document types across 5 jurisdictions; deployed on Cloud Run. Built for XPRIZE "Build with Gemini" 2026. Next.js · FastAPI · Gemini ADK ↗ repo

AI Race News, AI/ML News Aggregation Platform. Ingests 110+ sources every 15 min with 3-layer dedup and 12-category auto-tagging, served via a public FastAPI REST API. FastAPI · APScheduler · Docker ↗ repo

Sports Match-Prediction Engines. Production ML suite (NBA · soccer · NASCAR) with live-odds features and daily GitHub Actions runs, P&L-graded against real results: tracked +16.5% ROI on Grade-A NBA picks, 66.3% moneyline win rate (1,064 games), 4,084+ predictions logged. XGBoost · LightGBM · PostgreSQL ↗ repo

SKILLS

Languages: Python, C/C++, JavaScript, TypeScript, SQL, HTML/CSS

ML & Deep Learning: scikit-learn, XGBoost, LightGBM, TensorFlow, PyTorch, pandas, NumPy, feature engineering

AI / LLM & Agents: LLMs, RAG, Claude API, Claude Agent SDK, Model Context Protocol (MCP), Google Gemini ADK, FAISS / ChromaDB

Computer Vision: YOLOv8, CLIP, TrOCR, InsightFace / ArcFace, OCR

Backend & Infra: FastAPI, Next.js, React, Docker, GitHub Actions / CI, Azure, Google Cloud Run, Supabase, Streamlit

EDUCATION

B.Tech, Computer Science & Engineering (AI & ML)

NLJIET, Gujarat Technological University (GTU), Ahmedabad · 2022 – 2026 (expected)

CERTIFICATIONS

Anthropic: Building with the Claude API · Claude Code in Action · Intro to Model Context Protocol · Intro to Agent Skills (2026) • **IBM:** Data Literacy (2026) • **Google:** Crash Course on Python (2023) • **Make:** Automation Certification (2026)

PUBLICATIONS

Engineers Fear AI, As Mathematicians Once Feared Calculators (authored paper). Essays: Zipf's Law for LLMs; How GPS Works (LinkedIn).