

# DHRUV PURI

AI/ML Engineer & Full-Stack Developer

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## PROFESSIONAL SUMMARY

Final-year B.Tech CSE (AI) student at Parul University with 4 deployed projects spanning real-time web apps, ML pipelines, and ERP systems. Proficient in Python, JavaScript, and cloud-native tooling; AWS and IBM certified. Targeting AI/ML Engineer and Full-Stack AI roles, with a track record of shipping production-ready solutions end to end.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, SQL, C, HTML, CSS      **ML / AI:** TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, Streamlit, Jupyter

**Backend:** FastAPI, Node.js, Express, React      **Databases:** MySQL, PostgreSQL, Supabase

**Tools:** Git, GitHub, Docker, Linux, AWS, Cloudflare Pages      **Focus Areas:** Machine Learning, MLOps, Data Science, GenAI, Analytics

## EDUCATION

**B.Tech in Computer Science Engineering — AI Specialization** July 2023 – July 2027  
Parul University, Vadodara | CGPA: 8.13 | Semester 6

**Higher Secondary (12th) — Science** 2022  
Happy Children School | 82.80%

## PROJECTS

**VitalFlow — Blood Donation Platform** React | Supabase | PostgreSQL | Cloudflare

- Built a real-time donor-hospital coordination platform; reduced manual matching effort by eliminating phone-based requests through live availability tracking.
- Implemented RLS-secured Supabase backend with 5+ tables, geo-distance matching, push notifications, and an admin dashboard — deployed live on Cloudflare Pages.

**AI Grocery Stockout Predictor** Python | Pandas | Scikit-learn | Streamlit

- Engineered a rolling-average demand forecasting model that flags high-risk SKUs before stockout, cutting reactive reorder cycles.
- Delivered an interactive Streamlit dashboard with heatmap visualisations, enabling instant drill-down across product categories.

**Odoo HR Management System** TypeScript | Odoo | Python | PostgreSQL

- Developed custom Odoo modules covering employee records, attendance, payroll, and leave — replacing manual HR workflows for a multi-department setup.
- Integrated structured PostgreSQL backend logic with Odoo's ORM, ensuring data consistency across all HR processes.

**Personal Portfolio** HTML | CSS | JavaScript | Cloudflare Pages

- Designed and deployed a responsive developer portfolio with custom UI, live project links, and smooth section navigation.

## CERTIFICATIONS

**AWS Cloud Quest: Cloud Practitioner** AWS | Jul 2025      **AWS Academy Cloud Foundations (20 hrs)** AWS Academy | Aug 2025

**GenAI Powered Data Analytics Simulation** Tata Group x Forage | Dec 2025      **Data Science Job Simulation** British Airways x Forage | Dec 2025

**AI Fundamentals with IBM SkillsBuild** IBM x Cisco | Sep 2025      **Introduction to Data Science** Cisco Networking Academy | Apr 2025

## ACHIEVEMENTS

**Exxon Mobil Innovation Hackathon** — Team Code Clash — IISc Bangalore via Unstop

**Technothon Finals** — Team Code Clash — AAYAM Tech Fest, NIT Agartala

**CodeChef Problem Solver Bronze** — 50+ problems solved on CodeChef

**HackTheRank Quiz** — Recognised participant — HackerRank