HET PATEL

Ahmedabad, India | +91 9725647609 | phet4311@gmail.com | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Aspiring AI Engineer with an interest in Generative AI and Predictive Analytics. Skilled in Python, SQL, and various machine learning libraries, including TensorFlow and Scikit-learn. Experienced in designing multi-agent workflows and deploying basic applications with Docker and interested in solving real-world problems with data-driven solutions.

TECHNICAL SKILLS

Python, SQL, Machine Learning, Multi-Agent Systems, LLMs, NLP, Computer Vision, TensorFlow, Scikit-learn, Docker, Git, CI/CD, Flask, Streamlit, FastAPI, Data Preprocessing, Feature Engineering, Pandas, NumPy, Tableau

PROFESSIONAL EXPERIENCE

Recruit Riders Technologies | Technical Expert *Mahesana* | *Dec 2025 – Present*

- Provided technical support for AI and Machine Learning development using Python.
- Assisted in code optimisation and debugging to ensure smooth software performance.

Space-O Technology | Machine Learning Intern *Ahmedabad* | *Aug 2024 – Feb 2025*

- Developed Customer Churn Prediction models using TensorFlow, achieving a 15% reduction in false positives through hyperparameter optimisation (Grid Search).
- Refactored training workflows with vectorised NumPy operations, resulting in a 20% acceleration in model training speed for large-scale datasets.

FusionBit | Data Science Intern *Ahmedabad* | *Jan 2024 – Apr 2024*

- Designed automated data cleaning and normalisation pipelines for raw client data to ensure high-quality input features.
- Conducted statistical analysis on user behaviour datasets to identify key churn indicators, directly influencing feature selection for production models.

PROJECTS

Healthcare Helper (Medical Analysis Agent): Built a medical analysis agent using Google Gemini and Flask to extract clinical data from prescription images and achieved 95% extraction accuracy on OCR**.**

Spotify Preference Modelling: Analysed 85,000+ tracks to engineer a content-based recommendation engine using K-Means clustering and PCA for dimensionality reduction.

Face Recognition Attendance System: Developed a real-time attendance automation system using Python and OpenCV to streamline user identification processes.

EDUCATION

B.E. Information Technology | Gujarat Technological University | *CGPA: 8.23*

Graduated: 2024