Pratham Patel

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EDUCATION

Charotar University of Science and Technology   Anand, GJ
Bachelor of Technology in Computer Engineering   *Dec. 2020 – May 2024*

WORK HISTORY

Data Scientist   Jul. 2024 – Present
Bacancy Technology   *Ahmedabad, Gujarat*

- Reduced post-meeting workload by 3+ hours weekly by developing and deploying an AI-powered meeting analysis platform using NLP for automated transcription and summarization.
- Automated repetitive tasks using scripting languages such as Python, saving time during the analytical process significantly.
- Collaborated with cross-functional team of 10-15 engineers to build enterprise-grade no-code ML platform, implementing MLOps practices and CI/CD pipelines for streamlined deployment.

Data Science Intern   Jan. 2024 – Jun. 2024
Bacancy Technology   *Ahmedabad, Gujarat*

- Achieved 70% accuracy in metal defect detection by building computer vision model with YOLOv8.
- Enhanced model robustness through hyperparameter tuning, improving detection reliability.
- Implemented data visualization techniques to effectively communicate insights to stakeholders..

PROJECTS

No-Code ML Platform | *Pandas, PySpark, Docker, K9S, Grafana, Tensorflow, Sci-kit learn*   Jun. 2025 – Present

- Developed time series forecasting module for enterprise no-code ML platform, reducing baseline model development time by 80% for forecasting workflows by automating 7+ manual steps including data preprocessing and feature engineering.
- Delivered solution deployed across major organizations including Kyndryl and Xyzies, enabling non-technical users to build sophisticated ML models without coding expertise.
- Implemented MLOps best practices including model versioning, automated testing, and continuous integration, ensuring 99.9% platform uptimey.

AI-Powered Meeting Analyser | *Python, AssemblyAI API, OpenAI API, Selenium*   Oct. 2024 – Feb. 2025

- Achieved 80% accuracy in transcript processing, extracting key insights and 10+ action items per meeting session automatically.
- Saved 30 minutes per meeting by integrating with Google Calendar/Drive to automate scheduling and documentation workflows.
- Implemented advanced voice-to-text model boosting transcription reliability for downstream analytics and reporting.

SQL Agent | *Python, SQL, LangChain, OpenAI API, PostgreSQL, Git*   Feb. 2025 – Jun. 2025

- Built autonomous SQL query generator with 75% success rate in query generation and execution using natural language processing.
- Reduced analyst dependency by enabling marketing teams to generate custom reports in minutes instead of hours.
- Processed 100+ complex business queries demonstrating reliability in real-world business intelligence scenarios.

TECHNICAL SKILLS

Languages: Java, Python, C/C++
Frameworks: LangChain, Streamlit, Flask, FastAPI, Ultralytics
Developer Tools: Git, AWS, VS Code, Hugging Face, MongoDB, Google Colab, Kaggle Notebooks, Postman, Docker, K9S, Grafana
Libraries: PySpark, Pandas, NumPy, Matplotlib, PyTorch, TensorFlow, Keras, NLTK, SpaCy, Scikit-learn, OpenCV, FAISS