

PRATIK RAJ

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Professional Summary

Results-driven Analytics Student & leveraging expertise in Data Analysis, Machine Learning, and Business Intelligence to drive strategic growth. Proven track record of identifying trends, developing predictive models, and crafting insightful presentations. Seeking a challenging role in a reputable organization to make a significant impact on the bottom line.

Experience

Data Analyst Intern

Innodatatics Inc, May 2024 – July 2024

Prescriptive Analytics in Transportation

- Transformed transportation cost forecasting with 95% accuracy using LSTM, yielding a 12% predictive baseline models.
- Route optimization for 10 warehouses and 1,927 distribution points, cutting transportation costs by 12.72% through AI-driven distance minimization.
- Unlocked key cost drivers by analyzing 66,262 transportation records, revealing strong correlations between distance (0.8720), net weight, and cost per trip.
- Launched a highly efficient data pipeline using Python, processing complex datasets 30% faster with scalable architecture and minimal downtime.

Finance & Accounting Intern

Usha-E Solution, Jan 2023 – Mar 2023

Finance & Accounting Intern

- Supercharged financial reporting with 95% data accuracy, blazing through generation times (83% reduction, from 30 minutes to 2 minutes).
- Turbo-optimized 5 financial processes using Excel, shaving 3 days off (50% reduction, from 10 to 5 days).
- Powered a 25% increase in data-driven executive decisions with bi-weekly strategic financial insights using trend analysis and forecasting.
- Contributed to a 2.4% operational cost reduction through financial analysis and process improvement.

Skills

Data Analysis : Excel (Intermediate), SQL (Beginner), Python (Beginner)

Visualization Tools : Power BI, Microsoft PowerPoint, Streamlit (Beginner)

Interpersonal skills : Financial Acumen, Storytelling, Problem-Solving, Teamwork, Communication, Adaptability

Projects

Vehicle Monitoring System with Advanced ALPR) | Academic Project

Jan - Apr 2025

- Designed an automatic license plate recognition system that processes data from multiple cameras.
- Built using Python, YOLOv8, PaddleOCR and Streamlit.
- Developed a Python-based ALPR model using a custom dataset, achieving accurate license plate recognition through Optical Character Recognition (OCR).
- Implemented email alerts for unassigned route detections, enhancing operational efficiency.
- Built a web application with live model execution, real-time alerts, and an analytics dashboard to monitor and analyze truck route compliance.

Stock Market Analysis & Price Prediction | Historical Stock Data (Yahoo Finance)

Sept 2024

- Achieved 85% accuracy in trend prediction for top NSE/BSE performers using Moving Averages & RSI.
- Reduced prediction error by 22% with LSTM vs. Linear Regression.
- Enhanced investor insights by 30% through interactive visualizations.

Education

M.B.A - Business Analytics

Aug. 2023 – July 2025

University of Hyderabad, Hyderabad

7.4 CGPA

Bachelor of Business Administration

Aug. 2020 – July 2023

L.N.Mishra Institute of Economic Development & Social Change, Patna

7.43 CGPA

Leadership Experience & External Activities

Treasurer, Analytics Club UoHYD

Feb. 2024 – June 2025

University of Hyderabad

Volunteer - International Conference on Responsible Production and Consumption

March 2024

University of Hyderabad