



PIYUSH PRATEEK

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■ LinkedIn | GitHub

Professional Summary

Economics graduate and MCA student passionate about the intersection of technology, finance, and data analytics. Skilled in developing trading strategies, backtesting, and analyzing market data using Pine Script and machine learning concepts. Driven by curiosity, problem-solving, and continuous learning — seeking opportunities in data analytics, trading research, and AI applications in finance.

Skills & Technologies

Programming: Python (Beginner) · SQL (Beginner) · Pine Script (Intermediate)

AI & Data: Machine Learning · Data Cleaning & Visualization · Pandas · Scikit-learn · Jupyter

Tools & Finance: Excel (Advanced) · Technical & Fundamental Analysis · Backtesting · Risk Control

Projects

- Custom Technical Scanners (Chartink) — Designed and built real-time stock screeners using Chartink scripting for breakout, momentum, and volume-based opportunities.
- Trading Strategy Backtester (Pine Script) — Developed, tested, and optimized trading strategies on TradingView, focusing on risk management and ROI analysis.

Experience

DM Plant Supervisor | AMNS India (Ion Exchange Contract)

Supervised daily DM Plant operations — from Clarified Water to DM Storage. Focused on pH, conductivity, and silica control. Implemented optimized acid dosing and degasser monitoring, reducing chemical use by ~12%. Maintained conductivity below 1 $\mu\text{S}/\text{cm}$ and silica below 20 ppb through data-driven process improvements.

Achievements

- Zonal Topper – International Mathematics Olympiad (4x)
- CAT 2024 – 96 Percentile
- XAT 2025 – 99 Percentile

- Top 15% – Indian Business Quiz (Quizadilla)
- Innovator Award – AI Hackathon (Build Storm 2025)
- Participant – Mock Shark Tank (Interface 2022, BITS Pilani)
- Rank Holder – National Cyber Olympiad & National Science Olympiad

Education

MCA (Pursuing)

B.A. Economics (Hons.) – SB College, Ara — 63.27%

Higher Secondary (12th) – Vidyashram Public School — 58.8%

Secondary School (10th) – D.A.V. Public School — 10 CGPA

Certifications

- AI Workshop – Build Storm 2025
- Web Development Workshop – Build Storm 2025
- Indian Business Quiz – Certificate of Excellence (Top 15%)
- AI Hackathon – Innovator Award
- Mock Shark Tank – BITS Pilani

Languages

English (Fluent) · Hindi (Fluent) · Bhojpuri · Maithili

Interests & Hobbies

Sports (Cricket, Badminton, Tennis) · Trading & Investing · Fiction Reading