

Avaneendra Trivedi

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EDUCATION

Thapar Institute of Engineering and Technology

B.E., Electronics and Computer Engineering

GPA: 8.99/10

Patiala, Punjab

Sep 2022 – Jun 2026

Relevant coursework: Corporate Finance & Markets; Quantitative Finance; Portfolio Theory; Optimization; Probability & Statistics.

TECHNICAL SKILLS

- **Finance: Financial Modeling** (3-Statement, DCF, Trading/Transaction Comps, M&A Accretion/Dilution, LBO)
- **Quant:** Factor Models (Fama-French), Backtesting, Signal engineering, Risk diagnostics, **Excel** (scenarios, sensitivities) Performance attribution (CAGR/Sharpe/Sortino/MaxDD),
- **Tools/Tech: Python** (pandas/NumPy), **SQL**, APIs, Data Pipelines (ETL), TypeScript/Next.js, Git/GitHub

EXPERIENCE & PROJECTS

Buy-Side M&A Valuation & Bid Strategy Casework -

Jun 2025 – Jul 2025

M&A Modeling, Corporate Finance

- Simulation (Buy-side IC case): Built a **driver-based 3-statement model + 10-year unlevered DCF (8.5% WACC, 0.5% TGR)**; **base-case EV = \$803m**; ran downside (**margin compression + working-capital spike**) driving **EV to \$654m** and distilled drivers into an **IC-style memo**.
- Ran **accretion/dilution + synergy** analysis vs competitor **\$650m** bid; recommended bid ceiling **\$660–680m** and due diligence priorities. [Deal materials \(Model + IC memo\)](#)

Deal Nexus Engine: Systemic Deal Cascade Simulator

Jan 2026 – Present

Graph modeling, Audit traceability, Data engineering

- Built a **deterministic “deal to ecosystem cascade” simulator**: inject M&A/financing terms and propagate impacts across **supply/customer/competitor/credit/market layers**, outputting **branch-selectable network impact maps, transfer concentration, and risk-ranked nodes** for IC diligence.
- Developed **audit-grade traceability: hash-chained run ledger** (run IDs, deterministic seeds, dataset versioning) for queryable review, with **Historical Replay (5 landmark deals) + before/after network states**. [Website](#)

AXIOM ATLAS: Market Intelligence Platform -

Dec 2025 – Feb 2026

Product engineering, financial analytics, data pipelines

- Designed a desk-grade, **3-surface institutional finance platform** unifying live macro and cross-asset pulse, SEC filings and IPO intelligence, and authenticated workspaces with **one-click Investment Memo PDF export**.
- Shipped a **Stock Lab with OHLC multi-timeframe charting and probabilistic forecasting**, plus an **Atlas AI Guide (Gemini 2.5)** that **parses PDFs, maintains multi-chat memory, and routes next-best actions**. [Website](#)

Counterfactual Deal Navigator - Reproducible

Feb 2026 – Present

Systems, Audit Trails, API, IC Memo Automation

- Built **Counterfactual Deal Navigator**, an **IC-grade scenario engine** that stress-tests a deal across **Monte Carlo what-if branches**, computes **DCF + LBO debt-path resilience** (IRR/MOIC, DSCR, leverage, NPV), and ranks **fragility** via a **Scenario Matrix** (branch lineage + drivers).
- Engineered **audit-grade runs**: run IDs + deterministic seeds + versioned models, **hash-chained ledger + verification, Supabase mirror; one-click IC memo PDF** exporting top risks/mitigations/tails + live ETF/bench context. [Website](#)

LEADERSHIP & AWARDS

- **Head Prefect & Red Cross Secretary** - Mobilized **5,560** volunteers; ran **7** drives/year across **12** villages; upgraded school-to-village coordination and execution cadence.
- **Global Collaborations** - Led programs across **U.S., Argentina, Korea, Turkey, France, United Kingdom and Russia**; delivered **4** sessions/year to **700+** students; owned scheduling, content, reporting.
- **Awards** - Duke of Edinburgh's Award (**Gold**); Int'l English Olympiad (**World Rank 56**); National Cyber/Science/Math Olympiad merits; Yale Young Global Explorers (Cambridge); RBI Financial Literacy NFLAT.
- **Certifications** - McKinsey Forward Program; Columbia University Financial Engineering & Risk Management; HEC Paris & AXA IM Investment Management; Yale Financial Markets.