

PRATHMESH SANJAY DESAI

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EXPERIENCE

HARISSON GLOBAL ASSET MANAGEMENT, Singapore

Jul 2025 to Present

Investment Analyst

Jan 2026 to Present

- Assigned to a live \$50M private equity real estate (PERE) transaction, built the financial model and drafted the investment memorandum while supporting fund structuring and due diligence, and coordinating with legal counsel and tax consultants throughout, advancing the deal execution.
- Independently built and maintained financial models to evaluate real estate investment opportunities, screening 25+ prospects and developing detailed models for around 10, incorporating IRR, equity multiple (MOIC), and cash on cash metrics supported by rigorous scenario analysis, with findings synthesized into investment memorandums that enabled timely capital allocation decisions.
- Leveraged a technology background to support the team beyond core analysis, migrating the firm's website, building a database to centralize real estate deal information, and developing automated Python trackers that cut a 2 to 3 hour weekly manual screening and update process down to under 5 minutes, while also supporting broader administrative tasks for the team.

Fund Management Intern

Jul 2025 to Dec 2025

- Supported the team in identifying suitable fund managers for prospective fund of funds allocations, researching and screening public funds with AUM in excess of \$500M against track record and strategy fit criteria to inform manager selection discussions.
- Contributed to investment evaluation for portfolio companies across the furniture and construction sectors, helping build financial models that projected IRR, equity multiple, and cash on cash returns to support partner level investment review.
- Assisted with investor communications by helping prepare pitch decks and investment memorandums that clearly presented portfolio company performance and investment opportunities to prospective and existing investors.

TATA CONSULTANCY SERVICES LTD, Mumbai, India

Jul 2021 to Sep 2024

System Engineer

- Monitored live production systems and maintained ETL pipelines (Snowflake, Qlik Compose, Qlik Replicate), ensuring system uptime, data reliability, and seamless integration across cross functional teams.

EDUCATION

CFA INSTITUTE

Appeared for CFA Level 3

AUG 2026

SINGAPORE MANAGEMENT UNIVERSITY

Aug 2024 to Oct 2025

Master of Science in Quantitative Finance

(Quantitative Strategies, Portfolio Management, Risk Analysis, Derivatives, Asset Pricing, Fixed Income, Stochastic Modeling, Python)

UNIVERSITY OF MUMBAI

Aug 2017 to Jun 2021

Bachelor of Mechanical Engineering (Engineering Math, SOM, TOM, DOM, Applied Physics & Chemistry, Thermodynamics & more)

ACADEMIC PROJECTS

[Events Driven Derivatives Systematic Trading Strategy](#)

May to Jun 2025

- Designed and backtested an Earnings Call strategy for Nifty 50 constituents, generating a 125.25% cumulative return over a ten year backtest period against a 68.44% benchmark return, with an average annual return of 11.39%.

[Employee Satisfaction Index](#)

Sep to Nov 2024

- Constructed an employee satisfaction based equity index and portfolio optimization strategy using mean variance optimization and time series forecasting, outperforming the benchmark by 95.67% with an annualized Sharpe ratio of 1.79.

PERSONAL PROJECTS

[Financial Valuation](#)

Jun 2025

- Built a DCF valuation model for The Coca-Cola Company (KO), forecasting free cash flows and conducting sensitivity analysis on key value drivers such as WACC and terminal growth rate to initiate a buy at \$69.56 in July 2025 with a 12 month price target of \$76.77, achieved by Feb 2026.

[Technical Analysis Dashboard](#)

Jun 2025

- Developed an interactive technical analysis dashboard incorporating live price charts with SMA, RSI, MACD, and Bollinger Band overlays, optimized for performance through efficient caching, using Python and Streamlit.

[Advanced VaR Calculator](#)

Mar 2025

- Built an interactive Value at Risk (VaR) calculator (Historical and Parametric methods) with stress testing across major market dislocations, including the 2008 Financial Crisis, 2020 COVID period, and 2022 rate hike cycle, along with component level risk attribution, using Python.

CERTIFICATIONS

- [Bloomberg Market Concepts](#)
- [Environmental Social Governance by Bloomberg](#)

ADDITIONAL

- Technical Skills: Python, JavaScript (Basics), SQL, HTML, CSS, MS Office, Snowflake, Qlik Compose, Qlik Replicate, Power BI