

Vraj Patel

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EDUCATION

North Carolina State University

M.S. in Risk and Analytics | (Part-Time, Online) | GPA: 3.9

Expected: Spring 2027

Business AI Certificate, MRA Scholarship, Peer Captain Program (Industry Coaching)

B.S. in Business Administration, Information Technology | Minor: Economics

Graduated Dec 2025

EXPERIENCE

HCLTech

Feb 2026 – May 2026

Business Transformation Analyst (GEM Intern) (USAA Account)

Cary, NC

- Led end-to-end analysis of Personal Auto claims lifecycle across 8 transformation phases, mapping 50+ process steps to identify execution gaps, decision bottlenecks, and inefficiencies within a \$200M modernization program.
- Diagnosed current-state vs target-state operating model across claims workflows, isolating automation opportunities, KPI breakdowns, and process inefficiencies impacting cycle time and operational consistency.
- Evaluated financial and operational impact of modernization initiatives across claims phases, quantifying expected efficiency improvements, KPI outcomes, and implementation tradeoffs to support prioritization decisions.
- Synthesized findings into an enterprise modernization roadmap, delivering recommendations to senior stakeholders (CIO Advisory / SVP-level) to support feasibility assessment and prioritization decisions.

Infineon Technologies

May 2024 – Aug 2024

Financial Analyst Intern (Tesla Account)

Livonia, MI

- Engineered Excel VBA automation system to refresh Tesla account reporting workflows, reducing monthly reporting cycle time by 20% and improving visibility into global demand and supply trends.
- Built and maintained financial reporting and forecasting datasets across a \$100K–\$10M automotive portfolio, enabling KPI tracking, variance analysis, demand forecasting, and FY2024 planning activities.
- Delivered KPI, variance, and forecasting analyses used in biweekly executive reporting cycles, enabling performance tracking, forecast validation, and portfolio-level decision making across key OEM accounts.
- Identified profitability and cost optimization opportunities (~\$317K estimated margin impact) across Aurix product line and OEM accounts through pricing, demand, and cost-to-serve analysis.
- Analyzed demand, pricing, and margin performance across 12 product lines and OEM accounts to identify forecasting risks and support resource allocation decisions.

PROJECTS

HP Tech Ventures

May 2026 – Present

Deal Sourcing and Strategy

Remote

- Evaluated early-stage enterprise technology startups through market sizing, competitive benchmarking, and financial analysis and business model evaluation.
- Developed investment memos summarizing market opportunity, monetization strategy, and competitive positioning to support go/no-go screening decisions.

IBM

May 2025

Consulting Project

Durham, NC

- Analyzed customer demand trends, competitive dynamics, industry research, and 10-K reports to identify capability gaps and growth opportunities for IBM's z/OS Communication Server.
- Translated technical product constraints into business recommendations aligned with go-to-market strategy and product development priorities.

Enterprise Risk & Forecasting Projects

Developed forecasting and financial planning models incorporating revenue projections, scenario analysis, sensitivity testing, and Monte Carlo simulations to evaluate profitability, resource allocation, and growth strategies, identifying initiatives with up to 12% revenue upside.

SKILLS

Technical: SQL, Python, Power BI, Tableau, Excel VBA, PySpark, Oracle Crystal Ball, R, AWS Certified Cloud Practitioner

Analytics: Financial Modeling, Forecasting, Monte Carlo Simulation, Variance Analysis, Business Case Development