

Vedant Vijay Shinde

201-668-7085 | Jersey City, NJ | vshinde1@stevens.edu | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

Master of Science in Information Systems

Expected Completion: 05/2026

Stevens Institute of Technology | Hoboken, NJ, USA | GPA: 3.9 | **Master's Scholarship Award**

Coursework: Data Analytics and Machine Learning, Marketing Analytics, Supply Chain Analytics

Bachelor of Engineering in Information Technology

Completed: 05/2024

University of Mumbai | Mumbai, MH, India

TECHNICAL SKILLS

Data Analysis & Modeling: Python (Pandas, NumPy), SQL, regression & classification (LightGBM, XGBoost), clustering

Business Intelligence: Power BI, Tableau, Excel (PivotTables, XLOOKUP, advanced formulas); KPI design and dashboarding

Data Engineering: ETL workflows; AWS EC2; MySQL, PostgreSQL; Jupyter Notebook

Applied Analytics: Scikit-Learn, Feature preparation, Model evaluation, Recommendation logic, Analytics-driven automation

PROFESSIONAL EXPERIENCE

Stevens Institute of Technology | Hoboken, NJ, USA

Graduate Research Assistant | *Data Visualization and Insights*

11/2025–Present

- Enabled faster, cross-region decision-making by designing a standardized analytics framework for fairness metrics, decile rankings, and peak/off-peak patterns across 12+ cities
- Surfaced actionable equity and service gaps through Python-driven visual analyses (drift indicators, mismatch maps, infrastructure-to-usage overlays), guiding data-backed deployment prioritization
- Reduced manual analysis overhead by automating the generation of 15+ geospatial and supply-demand visuals per city, accelerating policy review cycles and iteration speed

Stevens Institute of Technology | Hoboken, NJ, USA

Graduate Assistant | *Campus Recreation Facilities*

09/2024–Present

- Increased turnout by analyzing participation trends across 15+ recreational events to inform data-driven scheduling decisions
- Maintained clean operational datasets tracking 200+ daily visitors, supporting accurate attendance analysis and reporting

Stevens Institute of Technology | Hoboken, NJ, USA

Summer Research Assistant | *Big Data Analytics and Insights*

05/2025–07/2025

- Stabilized large-scale analytics workflows by building a Python- and AWS-based ETL pipeline to ingest and clean millions of real-time mobility records across 8 systems, improving data reliability for downstream analysis
- Identified systemic availability disparities through geospatial and statistical analysis, revealing 30% lower vehicle access in disadvantaged neighborhoods and supporting data-driven fleet rebalancing decisions.
- Enabled proactive capacity planning by consolidating temporal, supply, and demand KPIs into dynamic Power BI dashboards that surfaced peak-hour shortages and anticipated rider spikes

Terna Engineering College | Navi Mumbai, MH, India

Undergraduate Assistant | *Inventory & Demand Forecasting*

09/2023–04/2024

- Reduced supplier delay escalations by implementing an SQL-driven auditing system tracking 500+ vendor purchase orders, improving visibility into order reliability for procurement teams
- Improved operational efficiency by analyzing 200+ unstructured workflow notes to identify process bottlenecks
- Enhanced merchandising and promotions by uncovering 18 high-value product affinity patterns from 5,000+ transactions, informing store-layout optimization and bundle strategy

PROJECTS

Industry Capstone Project | *AI-driven Personalization Strategy for the Webster*

08/2025–Present

- Scaled personalized styling at retail scale by building a GPT-style fashion recommender trained on 25,000 products to generate context-aware outfits by style, budget, and occasion
- Improved recommendation relevance by designing an influencer-based style-weighting system that aligned product suggestions with shopper aesthetics and engagement patterns

CERTIFICATIONS

Microsoft Certified: Power BI Data Analyst Associate (PL - 300) ([Microsoft](#)) | Google Data Analytics Specialization ([Coursera](#))