Vandan Patel

Secaucus, NJ 07094 | 551-221-4574 | pvandant@gmail.com | linkedin.com/in/vandan-patel-vp | github.com/vp-27

EDUCATION

Rutgers, New Brunswick   New Brunswick, NJ
Bachelor of Science in Computer Science and Finance   *May 2027*
Bachelor of Arts in Data Science (Statistics Track)
- **GPA:** 3.94/4.0, **Honors:** Rutgers Honors College, Dean's List (All Semesters)
- **Relevant Coursework:** Data Structures & Algorithms, Design and Analysis of Computer Algorithms, Data Management for Data Science

EXPERIENCE

Moweb Technologies   Secaucus, NJ
Intern, Data Engineering Team   *Jul 2025 – Aug 2025*
- Re-engineered ETL workflows in dbt-core and SQL to systematically handle null value conflicts, reducing pipeline failures from 20+ weekly incidents to under 1, ensuring high-reliability data for analytics.
- Automated financial metric extraction for client reports, cutting data processing 40% and enabling near real-time business analysis.
- Pioneered LLM integration in team workflows, leading prompt engineering workshops that reduced manual data processing time by 30%

Kaktus Sportswear   Carlstadt, NJ
Intern, Shipping and Accounting   *Jul 2024 – Aug 2024*
- Reduced shipping costs 15% via testing and validating new accounting software to replace legacy systems, improving operational efficiency.
- Implemented automated financial reconciliation processes, reducing month-end close time by 25% and eliminating manual errors in $300K+ monthly transaction reconciliations.
- Contributed to monthly financial close and audit readiness by streamlining data workflows and validating expense records.

PROJECTS

GrindSheet | *TypeScript, React, PWA, Supabase, Tailwind CSS, Figma*   *May 2025 – Present*
- Launched an open-source fitness PWA tracking 8+ key performance metrics and calculating 12+ analytics like consistency scores and competitive rankings.
- Designed a streamlined 3-step mobile logging flow that reduced user input time by 60% and achieved 85% daily active user retention.
- Implemented an automated badge system with 10+ achievements and a gamified social layer to drive user engagement.

Sunny – Live Insurance Co-Pilot | *Pathway, RAG, LLM, Vector Search, FastAPI, React, Python*   *Jun 2025*
- Prototyped a real-time insurance risk engine at Microsoft NYC, generating live dynamic quotes by processing 6+ data sources including weather and crime.
- Architected a streaming data pipeline using Pathway, a real-time data processing framework, to ingest and fuse information from 6+ live sources and analyze 43+ unique data points.
- Built a FastAPI backend with an LLM co-pilot to serve quotes, built FastAPI backend handling real-time data ingestion from multiple sources.

OroGenie | *React, Flask, Python, SQL-Alchemy, JWT, WebSockets, Selenium*   *Jun 2024 – Aug 2024*
- Built a full-stack trading simulation dashboard with search functionality across 10,000+ stock tickers
- Engineered a backend analytics engine in Python Flask to calculate 8+ key portfolio metrics, including real-time P&L and position sizing.
- Implemented automated data pipeline to aggregate real-time market data from multiple APIs, handling rate limiting and data normalization.

LEADERSHIP AND COMPETITIONS

Rutgers Shark Tank – "PerkPal"   Piscataway, NJ
Technical Lead, Startup Competition Finalist   *Mar 2025*
- Led a team of 3 to become one of 6 finalists in a university-wide startup competition, advancing from a field of 30+ teams.
- Developed the project's technical vision and built a live proof-of-concept demo in React and Selenium to consolidate rewards.
- Presented to a panel of investors and faculty, receiving recognition for the platform's innovation and business potential.

Jang Star Taekwondo   Jersey City, NJ
Class Leader, Certified Black-Belt   *Nov 2014 – Apr 2023*
- Taught and mentored over 50 students across all age groups, tailoring instruction for varied learning styles.
- Achieved 100% trial student return rate through personalized engagement, boosting new enrollment by 30%.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript/TypeScript, SQL, HTML/CSS
Frameworks & Libraries: React, Flask, Node.js, dbt-core
Tools & Cloud: AWS, Supabase, Git, VS Code, Figma

ACTIVITIES & INTERESTS

Activities: Quantitative Finance Club, Rutgers Mobile App Development Club, HackRU, RU Sangam
Interests: Taekwondo, Graphic Design, Mountain Biking, Video Editing, Cars, Trading, Adobe Suite