

YASH NIRWAN

New York, NY | yn2328@nyu.edu | 347-922-2178 | linkedin.com/in/yash-nirwan-6942b2194/ | github.com/YashNirwan

Education

New York University | *MS, Management of Technology*

May 2026

Ramaiah Institute of Technology | *BE, Computer Science & Engineering*

Jul 2023

Experience

Accenture | *Product & Strategy Associate*

Jul 2023 – Jul 2024

Management Consulting – Financial Services

- Owned end-to-end delivery of a commercial insurance data platform across a \$450M+ portfolio of 1,000+ property records; translated ambiguous client requirements into structured product features, success metrics, and implementation roadmaps from discovery through steady state
- Engineered a cross-field validation framework that surfaced a \$40M valuation anomaly through systematic pattern detection; translated findings into a decision-ready executive brief that drove immediate client remediation investment
- Drove AI-assisted validation adoption from 40% to 95% in eight weeks by diagnosing friction points, building a catch log system to automate exception detection and resolution, and iterating on the rollout based on real-time field feedback
- Partnered cross-functionally with compliance, actuarial, and data engineering teams to define requirements, manage Jira-tracked sprint delivery, and produce executive-facing milestone reports – reduced correction cycles by 20 percentage points
- Served as primary client liaison across brokers, underwriters, and actuaries; translated complex technical findings into clear narratives for non-technical stakeholders and coached client teams through adoption of new workflows and data processes

Amoga | *Product Manager*

Dec 2022 – Jun 2023

- Owned CRM product end to end at a B2B SaaS startup; conducted user research, wrote user stories and acceptance criteria, managed backlog, ran sprint ceremonies, and shipped workflow improvements that reduced admin overhead across the sales organization
- Launched automated outbound campaigns in Mailchimp and HubSpot; built performance dashboards in Apache Superset and Google Analytics tracking funnel KPIs – drove 7% web traffic growth and 10% lead conversion improvement through fast iteration cycles
- Translated complex product capabilities into sharp buyer-facing copy, one-pagers, and sales kits; gathered competitive intelligence and synthesized findings into strategic briefs that informed roadmap prioritization for the founding team
- Processed CRM and marketing data using Hadoop and Hive; surfaced actionable insights that informed campaign optimization, pipeline prioritization, and go-to-market strategy decisions

Built

VibeCheck | *Agentic AI App · Python, Llama 3.3, Groq API, Streamlit, Claude Code*

2025 – Present

- Identified LLM hallucination failure mode in production; diagnosed root cause, designed and shipped a YouTube Music API validation layer executing 40+ async parallel calls – cut error rate to near zero, end to end, no handoff
- Integrated MCP tool calls, JSON-enforced structured outputs, and session-state memory for multi-turn agentic workflows; built entirely with Claude Code and Cursor as primary development environment – live at newvibecheck.streamlit.app

Raivana | *Founder · Full-Stack E-Commerce Platform, Node.js, Netlify Functions*

2024 – Present

- Architected serverless backend with HMAC-verified webhook handler, idempotency key store (strong consistency, 30-day TTL) guaranteeing exactly-once payment processing, and geolocation-based currency routing; live platform serving 45+ countries and 8 currencies with real transaction volume across 156 products

Projects

Walmart Stockout Prediction | *Python, XGBoost, Gurobi*

- XGBoost classifier (76.6% recall, 0.77 AUC, 47 features, 3 leakage audits); Gurobi LP allocated 1,685 restocking units within a \$32,836 budget – translated model output into an executive-ready business recommendation

Coupon Acceptance Prediction | *Python, Gradient Boosting, GridSearchCV*

- 57-feature consumer behavior pipeline with 5-fold CV; Gradient Boosting achieved 76.65% accuracy, 80.07% F1, 0.84 AUC across four classifiers – identified key behavioral signals driving engagement across demographic segments

Skills

Product & Strategy: Product Management, Roadmapping, User Stories, Backlog Management, Sprint Ceremonies, Competitive Analysis, Go-to-Market Strategy, Stakeholder Communication

Analytics & Data: Python, SQL, Apache Superset, Google Analytics, Hadoop, Hive, XGBoost, VADER/NLTK, KPI Reporting, Funnel Analysis

AI & Technical: LLM Integration, Agentic Workflows, MCP Tool Use, Structured Outputs, Node.js, REST APIs, Webhooks (HMAC), Claude Code, Groq API

Tools: Jira, HubSpot, Salesforce, Mailchimp, Git, Streamlit, Excel, PowerPoint