ISHAAN SACHDEVA

Brooklyn, NY 11201 | +1 551-328-7284 | is3269@nyu.edu | LinkedIn

Technology strategist and software engineer with 2+ years of experience across enterprise tech and consumer-facing platforms (Micron, Amazon). Translates emerging AI and data technologies into business cases and execution roadmaps at NYU Stern's Endless Frontier Labs.

EDUCATION

New York University | MS, Engineering Management | GPA 3.80 / 4.00 | GMAT Focus 655 — Sep 2025 – May 2027
Coursework: Financial Strategy, Economics, Machine Learning for Business | Course Assistant: Corporate Finance

IIIT Bangalore | Integrated B.Tech + M.Tech, ECE | GPA 3.50 / 4.00 | Top 1% nationally in JEE — Aug 2018 – Jul 2023

PROFESSIONAL EXPERIENCE

TEAMSEC | Securitization Infrastructure | NYU Stern, Endless Frontier Labs — New York, NY

Technology Analyst — Sep 2026 – Present

- **US Market Entry & Market Sizing:** Own the US market-entry workstream for an AI platform, building a bottom-up TAM/SAM/SOM model to size the opportunity and recommend a target segment
- **Technology Assessment:** Evaluate the platform's AI and data architecture against market requirements, assessing data readiness and translating gaps into a prioritized roadmap for the founder and product team

MICRON TECHNOLOGY | Enterprise Solid State Drive (SSD) Firmware — Bangalore, India

Senior Software Engineer (promoted from Software Engineer within 24 months) — Jul 2023 – Jul 2025

- **Client Delivery & SLA Ownership:** Held a **sub-1-second SLA window** on firmware activation for enterprise SSDs (4TB to 128TB) shipped to Fortune 500 clients Dell and HP, enabling zero-disruption upgrades in live production environments
- **Structured Problem-Solving & Risk Reduction:** Cut open defect backlog **10%** and improved release-date predictability across B2B commitments, leading root-cause diagnostics with product validation teams and client engineering counterparts on integration failures
- **Process Optimization:** Recovered **~2 weeks of recurring manual engineering effort** by designing a centralized test automation framework standardized across 100+ concurrent setups
- **Team Leadership & Capability Building:** Onboarded and mentored **10 engineers**, building the team's onboarding curriculum and knowledge base from scratch and reducing time-to-productivity by **75%**
- **Global Stakeholder Management:** Synchronized offshore delivery with US product leadership across a 12-hour gap, translating executive roadmap priorities into local engineering scope

AMAZON | Fulfillment Technologies — Gurgaon, India

Software Development Engineer Intern — Jan 2023 – Jun 2023

- **Client Engagement & Operational Diagnosis:** Drove a **30% reduction in device downtime** across 150+ fulfillment centers, diagnosing the root cause through structured requirement-gathering with senior operations leaders and redesigning automation dashboards around a new error-to-success ratio metric
- **End-to-End Delivery Ownership:** Shipped feature enhancements on internal web applications, owning full delivery cycle across requirement analysis, testing, risk evaluation, and phased production rollout in an Agile cross-functional team. **Tech:** AWS (EC2, S3, Lambda, SNS, SQS, CloudFormation)

ENTREPRENEURSHIP, SOCIAL IMPACT & AI PROJECTS

Hydrate Yourself | Consumer Health Utility | View on Google Play — Jul 2026

- **Product Strategy & Data Ethics:** Ran competitive analysis across wellness apps to identify user pain points in advertising and privacy, then shipped a zero-commercialization utility on fully on-device storage to a **5.0 Play Store rating**

Intelligent Bistro | Conversational AI Platform — May 2026

- **Consumer AI Application:** Built a food ordering platform exposing AI directly to the end consumer, replacing keyword search with NLP-driven conversational ordering and mood detection for personalized recommendations. **Tech:** Node.js, React, Gemini 2.5 Flash

Financial Forecasting System | RAG & Agentic Workflows | NYU Graduate Research — Dec 2025

- **Data-Driven Decision Support:** Built a multimodal forecasting platform pairing financial-news sentiment with S&P 500 price data and designed agentic workflows for automated model evaluation, achieving **73% directional accuracy**

LEADERSHIP & ACHIEVEMENTS

- **Case Competitions & Hackathons:** NYU Google AI Hackathon, NYC Open Data Week (2026); participant in campus case competitions
- **Research Fellowship:** Mitacs Globalink Research Fellow, selected internationally for fully funded research at ÉTS Montréal, Canada
- **Corporate Brand Ambassador, Micron:** Engaged 500+ students at recruiting events; conducted technical interviews for hiring
- **Publications:** Author of articles on AI and software engineering, published in Bootcamp (113K followers) on Medium and on dev.to
- **Community & Languages:** Micron CSR programs including lake cleanup, tree plantation, blood donation, and NGO engagement | English (fluent), Hindi (native), French (conversational)

SKILLS

- **Strategy & Problem-Solving:** Structured problem-solving, use case definition, business case development, roadmapping, market sizing (TAM/SAM/SOM), KPI & metric definition, stakeholder management, cross-functional delivery, Agile
- **AI & Technical:** Generative AI, machine learning, LLM & agentic workflows, RAG, LangChain, prompt engineering, model evaluation, process automation, data privacy, AI-assisted development (Claude Code)
- **Analytics & Tools:** Python, SQL, Excel (advanced), Power BI, AWS, low-code prototyping