Arnav Nagzirkar

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EDUCATION

University of Toronto — Sep. 2022 – Apr. 2027
Honours B.Sc. in Computer Science, Statistics, and Economics
Relevant Coursework: Data Structures & Algorithms; Software Design; Systems Programming; Introduction to Machine Learning; Probability & Statistics I/II; Regression Analysis; Design & Analysis of Experiments; Applied Econometrics I; Economics of Organizations

EXPERIENCE

Software Engineering Intern — Jun. 2025 – Aug. 2025
Kavodax — *Remote*
- Defined and delivered MVP for cross-border payments platform, aligning user pain points with scoped milestones to **reduce fees to** $< 1\%$ and **cut settlement time to minutes**.
- Conducted **competitive analysis** (Wise, Remitly) to inform pricing and positioning; incorporated findings into feature prioritization and requirements.
- Authored **PRDs** detailing scope, success metrics, edge cases, and rollout; drove **release planning** and go-live readiness across a three-week MVP timeline.
- Mapped **technical dependencies** across Plaid, Stripe, and PayTrie integrations; identified and **mitigated risks**; coordinated a **3-engineer** pod via two-week sprints with demos and reviews; built **dashboards** to monitor KYC $\rightarrow$ deposit $\rightarrow$ first transfer funnel.

President — Sep. 2023 – Apr. 2025
Hindu Students Council (HSC) — *University of Toronto Mississauga*
- Grew club from **0 to 300+ members** and scaled the executive team to **30+** over two years; owned annual programming, growth, and finance strategy.
- Delivered **20+** cultural and educational events averaging **50+** attendees; generated **thousands in revenue** and added **thousands to savings**, ensuring financial stability.
- Implemented Kanban, weekly standups, and post-event retros to improve planning reliability and vendor coordination; increased on-time event delivery.
- Drove **release planning** and **risk management** for high-visibility events; aligned stakeholders across vendors and campus administration using data-informed scheduling and content themes based on attendance trends.

Board of Directors First-Year Representative — Sep. 2022 – Aug. 2023
University of Toronto Mississauga Students' Union — *Mississauga, ON*
- Represented **15,000+** students; gathered feedback and aligned priorities at executive and committee meetings to inform programming and policy.
- Partnered with student groups, administration, and vendors to deliver high-visibility campus initiatives.

PROJECTS

StocksNow ↗ Quant Research Toolkit — Dec. 2024 – Present
- Identified a gap in accessible quant research tools based on personal trading experience and market analysis; prioritized features to reduce evaluation friction.
- Defined product vision, feature roadmap, and success metrics; shipped analytics views (Sharpe, Sortino, IC decay, Fama–French attribution) to improve decision transparency.
- Implemented daily retraining and CI/CD to cut experimentation cycle time from **3 min to 5 s**.

Bop App ↗ Music Discovery MVP — Sep. 2024 – Present
- Owned end-to-end **MVP design**; defined user stories, acceptance criteria, and engagement metrics for a swipe-based music discovery experience.
- Validated core hypotheses through prototype testing and competitive analysis of discovery UX; prioritized personalization and save-to-playlist flows.
- Planned A/B experiments to measure impact on CTR and dwell time.

SKILLS

Product & Methods: Agile, Scrum, Product Roadmapping, PRD Authoring, User Research, A/B Testing, OKRs, RICE/MoSCoW Prioritization, Experiment Design, Systems Design, Stakeholder Management, Competitive Analysis
Tools & Analytics: Jira, Figma, Google Analytics, Tableau, Plotly, Jupyter, Postman, SQL, GitHub, Notion
Technical Fluency: Python, Java, React, HTML, CSS, C, C++, R, JavaScript/TypeScript, React, Node.js, Flask, AWS, Docker, CI/CD, REST/GraphQL API Design, ML & LLM API Literacy, Kubernetes, Miro
Certifications: AWS Certified Cloud Practitioner ↗, IBM Artificial Intelligence Fundamentals ↗