Smit Kanpariya

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Profile Summary

Co-Founder & CTO of Blyyss, a live grocery app, and paid AI research assistant at Saint Mary's, graduating Dec 2027. I build production systems end to end, including LLM agents, retrieval and the checks around them.

Education

Saint Mary's University **Sep 2023 – Dec 2027 (Expected)**

Bachelor of Science, Computing Science (Co-op) | GPA 3.63 / 4.30 (Major 3.78) *Halifax, NS*

- Coursework: Artificial Intelligence (in progress), Data Structures & Algorithms, Database Systems (A+), Software Engineering (A+), Data Communications & Networking (A+), Complex Networks (in progress).

Experience

Blyyss Technologies Inc. **May 2026 – Present**

Co-Founder & CTO (Sep 2026 – Present); Founding AI Engineer (May – Aug 2026) *Halifax, NS*

- Built and run Blyyss, a live grocery storefront and flyer app on web, iOS and Android from one React/TypeScript, Postgres (Supabase) and Deno codebase: 130+ orders delivered to 90 customers, 28 of them repeat, rated 4.7/5.
- Automated flyer updates with scheduled headless LLM agents: a plain script checks for changes before any model runs, each run has a budget cap and lock file, and priced flyers publish only if they match live pricing.
- Wrote Python and TypeScript pipelines that turn 30+ shops' PDF, photographed and email flyers into tappable, priced data; the importer refuses any card it cannot match to a catalogue row at its printed price.
- Closed a price-tampering hole by repricing every order line on the server from a generated catalogue copy, with a test that replays every catalogue row and rejects altered payloads.
- Built Stripe manual-capture payments: a card hold at booking, capture against the actual store receipt at settlement, and webhook signature verification; shipped a native iOS payment sheet with Apple Pay.
- Traced a checkout drop-off: about 150 Microsoft Clarity session replays showed 70–80% of Facebook-ad visitors leaving at sign-in, because Facebook's in-app browser opened emailed links in a separate session; shipped one-time-code sign-in and orders recovered.

Saint Mary's University **Sep 2026 – Present**

Research Assistant, Artificial Intelligence *Halifax, NS*

- SPG-JEPA (Dr. Jiju Poovvancheri): scaling Point-JEPA, the lab's self-supervised model that learns 3D shapes from unlabelled point clouds, from single objects up to city-scale scenes.
- Paid, open-scope applied AI research with Dr. Ethan Pancer on large language models and agents for local retail.

KAbot Robotics **May 2025 – Dec 2025**

Founding AI Engineer *Remote*

- Built from scratch the retrieval-augmented generation (RAG) system behind an AI education platform's teacher dashboards, using Gemini, Qdrant vector search and Docker to ground lesson plans, quizzes and learning-gap reports in the curriculum.

Saint Mary's University – IT Services (EIT) **Jan 2026 – Apr 2026**

Data Analyst Intern (Co-op) *Halifax, NS*

- Migrated legacy reports to Power BI Report Builder on Microsoft Fabric and wrote Oracle SQL to structure reporting data and automate recurring reports.

Technical Skills

AI: LLM agents, Claude Code (headless agents, custom skills), RAG, Gemini, Qdrant

Languages: Python, TypeScript, SQL, JavaScript, Java (coursework)

Backend & Data: PostgreSQL (Supabase, row-level security), Deno edge functions, REST APIs, Stripe API, Oracle SQL, Power BI

Tools: Docker, Git, GitHub Actions, Playwright, React, Vercel