

KABIR KENTH

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Software engineer, McMaster B.Eng. (Nov 2025). Three systems shipped end to end: a live multi-user LLM platform with a mandatory human approval gate, a rerun-safe daily Airflow/BigQuery pipeline, and a two-sided logistics platform. A decade of bookkeeping, operations and dispatch work behind them — I automate manual process because I have done it by hand.

EXPERIENCE

Software Engineer Intern — Bulk Buys

Brampton, ON • Jan 2023 – Apr 2023 • e-commerce SMB

- Eliminated a recurring manual data re-entry task worth **\$6,000+ annually** by building a Python integration that synchronised Amazon repricing data into Zoho One
- Cut environment setup time and eliminated machine-specific failures by containerising the team's Python services in Docker, making deployments reproducible across the team

Dispatch & Data Entry Clerk — Fortel Express

Ontario • Summer 2022

- Keyed and reconciled freight documentation — bills of lading, dispatch records and driver logs — across operational systems that shared no common load identifier
- Resolved discrepancies between dispatch, driver and billing records where one mis-keyed load number could delay an invoice for weeks — the reconciliation problem I later built FreightSwipe to remove

Bookkeeper & Office Administrator — 2512484 Ontario Inc.

Brampton, ON • Sep 2014 – Mar 2020 • family business

- Maintained and reconciled financial records for the family business across five and a half years, run alongside full-time engineering study
- Provided technical support to clients and owned the customer relationships end to end

Operations Manager — Benchmark Sports: Strength & Conditioning

Brampton, ON • Jun – Aug 2019 • contract

- Built projection-based growth models in Excel for business forecasting, prepared financial statements and reports, and performed daily cash reconciliations

EARLIER

Retail Operations — Costco Wholesale, Ontario (Summer 2021) • **Assembly Line Worker** — FCA Fiat Chrysler Automobiles, Brampton, ON (Jun – Jul 2016)

PROJECTS

ApplyTron — LLM Job Application Platform

Live at app.kabirkenth.me • 2026 • Next.js, TypeScript, Supabase, Claude API, Playwright, Railway, Docker

- Shipped a live multi-user authenticated platform that ingests job listings, scores each against a parsed resume with the Claude API, and generates tailored ATS-safe PDFs via react-pdf
- Enforced a mandatory human approval gate so no document is ever submitted unreviewed, implemented as a guarded state machine with row-level security in PostgreSQL
- Automated form submission with a Playwright worker on Railway that captures a screenshot for review before every submit

Market Sentiment Pipeline — Daily ELT and Signal

2026 • Python, Apache Airflow, BigQuery, Gemini, Docker, Looker Studio

- Orchestrated a daily containerised ELT pipeline in Airflow ingesting market data and financial news for S&P 500 equities
- Eliminated duplicate records across retries and backfills by designing idempotent BigQuery loads keyed on a natural (ticker, date) merge rather than append
- Converted unstructured news into sentiment scores with Gemini feeding a Random Forest model, storing predictions beside outcomes so accuracy is tracked in Looker Studio

FreightSwipe — Two-Sided Logistics Matching Platform

2025 • React, Node.js, Express, PostgreSQL, Prisma, JWT, Docker

- Designed a single authoritative load record shared by carrier and shipper, removing the two-copy reconciliation problem I handled manually in freight dispatch
- Built role-based dashboards and a swipe-deck matching interface over a JWT-authenticated REST API

EDUCATION

B.Eng., Software Engineering & Management — McMaster University

Hamilton, ON • Graduated Nov 2025 • Algorithms, Data Structures, Cloud Computing, Database Systems

- Capstone: Teamfill — React and Firebase platform matching athletes to pickup teams, delivered by a team under Scrum

TECHNICAL SKILLS

Languages & Data: Python, TypeScript, JavaScript (ES6+), SQL, PostgreSQL, BigQuery

Backend & Pipelines: Node.js, Express, Prisma, Apache Airflow, ETL/ELT, REST APIs, JWT auth, idempotent loads

Cloud, Frontend & Practice: GCP, Docker, Vercel, Railway, Supabase, Firebase, React, Next.js, CI/CD, Agile (Scrum)