

Shane Marcelo

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EDUCATION

York University

BSc: Honours Computer Science

North York, ON

Expected April 2029

EXPERIENCE

Developer Co-op

May – Aug 2025; May – Aug 2026

Atlantic Packaging Products Ltd. | UiPath, Power Automate, Playwright

Scarborough, ON

- Built automations with **UiPath** and **Power Automate** to replace manual, repetitive processes, saving ~8 hours/week
- Wrote **end-to-end tests** with **Playwright** to validate automated workflows, saving ~1 hour/week of manual verification
- Documented **program logic** for existing and new systems, enabling smoother knowledge transfer across the team

PROJECTS

Coverloop | *TypeScript, React, Express, Node* | coverloop.vercel.app · github.com/Polarralop/coverloop

- Built and deployed a **full-stack TypeScript web app** that composites album and game cover art into animated GIFs with custom frame order, timing, and PNG overlays
- Unified **four external cover-art APIs** (IGDB, Deezer, MusicBrainz, Discogs) behind one search interface, with a cascading fallback chain and manual source overrides
- Designed a dual-query merge** for IGDB search after the API rejected combined **search + sort**, deduplicating and re-ranking two result sets to resolve abbreviated titles
- Wrote 48 Vitest tests** covering validation, route contracts, and merge logic; automated typecheck, test, and build in GitHub Actions

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, C# HTML/CSS

Frameworks & Libraries: React, Node.js, Express, Vite

Testing: Vitest, Playwright, supertest

Tools & Platforms: Git, GitHub Actions (CI/CD), Vercel, Render, REST APIs

COMMUNITY & LEADERSHIP

Participant

November 2024

CTRL+HACK+DEL

North York, ON

- Coordinated** team scope and direction under a 24-hour deadline, prioritizing a shippable result over feature count

ADDITIONAL EXPERIENCE

Crew Member

April 2023 – Present

Chipotle Mexican Grill

Vaughan, ON