

HARRY DARWIN GULOIEN

Full-Stack Web Engineer

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PROFESSIONAL SUMMARY

Front-end-heavy full-stack engineer with 4+ years building custom web applications, interactive mapping products, and digital training tools for government, transport, and infrastructure clients. Strong in Vue/Nuxt, JavaScript, Tailwind, Supabase, and production delivery - from solution scoping and hands-on development to deployments, production fixes, and technical collaboration with project managers, designers, and clients.

CORE TECHNOLOGIES

Vue 3 / Nuxt, JavaScript, TypeScript, Tailwind CSS, Supabase, HTML, CSS, Mapbox / GIS, Cloudflare, REST APIs, Pinia, PostgreSQL, PHP, Git / GitHub, Node.js, accessibility, responsive UI

PROFESSIONAL EXPERIENCE

Spatial Media | Web Engineer | 2021-Present

- Build and maintain custom web applications for public-facing, government, transport, and infrastructure projects using Vue/Nuxt, JavaScript, Tailwind, Supabase, PHP, APIs, and mapping tools.
- Own technical delivery across the full build lifecycle: solution scoping, implementation, GitHub PR review and merges, deployments, and production issue resolution.
- Collaborate in cross-functional teams with project managers, 3D artists, and developers; regularly trusted to communicate technical solutions clearly in client-facing discussions.
- Delivered flagship digital products including interactive transport maps, GIS-backed engagement tools, and a multi-tenant rail training platform with SSO, progress tracking, reporting, and LMS integration.

Earlier Leadership Experience | Inkbox, TrueTrue, Urban Dining Group | 2016-2020

- Held operations and management roles before transitioning into software, building strengths in leadership, process improvement, training, cross-functional communication, and fast-paced delivery.

SELECTED PROJECTS

KiwiRail Arahina Route Familiarisation: Led end-to-end development of a digital rail training platform using Nuxt, Vue, Supabase, Tailwind, and TypeScript. Built SSO-based multi-tenant access, user progress tracking, admin reporting, manager failure notifications, and LMS badge sync. Platform currently supports 170+ users across 99 training modules/routes.

MTIA Disruptions Map: Led development of a live disruptions and detours platform helping the public plan around traffic, transit, and pedestrian impacts. Built a government-facing backend for managing disruptions and detours, with support for live traffic and related map data.

Ontario Line Interactive Map: Helped win the Metrolinx opportunity by initiating and building an interactive public engagement map showing station renders, community impacts, and sound information for Toronto's new subway line.

Airservices Australia Brisbane Baseline Model: Built the backend for a flight-path visualisation tool that lets clients upload, style, and test routes and points of interest in real time to model current and future air traffic scenarios.

EDUCATION & CERTIFICATIONS

Juno College of Technology - Web Development Immersive

Scrum Master Certified (SMC) | [Scrum.org](https://scrum.org) | Lean Six Sigma Green Belt | McGill University - Desautels Faculty of Management