

# LUCAS WINKLER

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## SUMMARY

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Full-stack developer based in Ontario, Canada, focused on building intuitive, high-performance web applications using modern technologies. Passionate about solving real-world challenges with clean, user-centric solutions, I combine technical expertise with a collaborative mindset to deliver projects that balance functionality and impact.

## TECHNICAL SKILLS

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**Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3, SQL, C#

**Frameworks:** Next.js, Node.js, Express, Tailwind CSS

**Libraries:** React, TanStack Query, SCSS, Prisma, Drizzle ORM

**Databases:** PostgreSQL, MySQL, Redis

**Tools & Other:** Git, REST APIs, Vitest, Jest, React Testing Library, Google Cloud Platform, VS Code, Visual Studio, Figma

## PROJECTS

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### Expedius

[expedius.app](https://expedius.app)

Next.js, React, TypeScript, Tailwind CSS, PostgreSQL

[github.com/LucasWinkler/expedius](https://github.com/LucasWinkler/expedius)

- Developed a location-based web app, enabling users to discover and organize favourite places with an intuitive UI
- Leveraged Redis (Upstash) for rate limiting, reducing server load and ensuring smooth API performance
- Optimized responsiveness with TanStack Query's caching features, enhancing data retrieval and improving performance

### Audiophile Ecommerce

[audiophile-fem.vercel.app](https://audiophile-fem.vercel.app)

Next.js, React, TypeScript, Tailwind CSS

[github.com/LucasWinkler/audiophile-ecommerce](https://github.com/LucasWinkler/audiophile-ecommerce)

- Developed a pixel-perfect e-commerce site by replicating a Frontend Mentor design, demonstrating strong attention to detail and responsive layout implementation
- Engineered a client-side shopping cart using local storage for persistent user sessions
- Implemented robust client-side form validation and error handling for the checkout process (prototype stage; plans to integrate server-side authentication, database-driven cart management, and enhanced checkout flows)

### Elevate Careers

[elevate-careers.vercel.app](https://elevate-careers.vercel.app)

Next.js, React, TypeScript, Tailwind CSS, Webscraping

[github.com/LucasWinkler/elevate-careers](https://github.com/LucasWinkler/elevate-careers)

- Built a streamlined job board scraping listings from Indeed, providing users with up-to-date job opportunities
- Developed an intuitive UI with Next.js and Tailwind CSS, prioritizing ease of use and mobile responsiveness
- Implemented a custom function to format and display job descriptions, improving readability and user experience
- Warning: Demo is currently non-functional due to webscraping API costs. Please check out the source code instead!

## EDUCATION

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### Diploma in Full-Stack Development

McMaster University

Expected August 2025

Remote

### Advanced Diploma in Computer Programming and Analysis

Conestoga College

September 2017 – April 2020

Waterloo, ON

## SOFT SKILLS

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Problem-solving, Attention to detail, Organization, Communication, Teamwork, Adaptability