

LUCAS WINKLER

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SUMMARY

Full-stack developer based in Cambridge, Ontario, 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

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

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

Libraries: React, TanStack Query, Sass/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

EXPERIENCE

Frontend Developer Volunteer

April 2025 – Present

Skill4Skill

Remote

- Built responsive Next.js server and client components with React, TypeScript, and Tailwind CSS, establishing scalable UI for new features
- Refactored code into modular, reusable React components and pages, improving readability, reducing duplication, and simplifying future enhancements
- Collaborated with product designers to deliver pixel-perfect layouts and ensure cross-browser/device consistency and accessibility
- Participated in agile daily stand-ups and sprint planning sessions to align development with user feedback and roadmap priorities

PROJECTS

Sway Travel Assistant

Next.js, React, TypeScript, OpenAI, Google Places API, Tailwind CSS

sway-nextjs-hackathon.vercel.app

github.com/rardoz/sway-nextjs-hackathon

- Developed an AI-powered travel recommendation app during a Next.js hackathon that processes user preferences through OpenAI to query the Google Places API for personalized vacation suggestions
- Built the majority of the responsive user interface components using React and Tailwind CSS
- Enhanced user experience by implementing skeleton loaders for page content and loading spinners for AI processing, improving perceived performance during multi-step API calls

Expedius

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

expedius.app

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

EDUCATION

Diploma in Full-Stack Development

Expected August 2025

McMaster University

Remote

Advanced Diploma in Computer Programming and Analysis

September 2017 – April 2020

Conestoga College

Waterloo, ON

SOFT SKILLS

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