

GARRET HILDEBRANDT

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EDUCATION

University of Toronto, Full-Stack Web Development Certificate
University of Toronto, Bachelor of Jazz Performance (Saxophone)

Nov 2023 - May 2024
Sept 2018 - Apr 2023

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS
Frontend: React, Tailwind CSS, Vite, Figma
Backend: Node.js, Express, GraphQL, RESTful APIs
Databases: MongoDB, MySQL, Sequelize, Mongoose
Cloud & DevOps: AWS (S3, EC2), Heroku, Netlify, Render, Git

CERTIFICATIONS

AWS Certified Cloud Practitioner (Dec 2024)

PROJECTS

Wave-Chopper

MERN, AWS S3, TypeScript, Tailwind, Vite

[Repository Link](#)

Jan 2025

- Developed a full-stack web app for real-time WAV file processing with audio effects.
- Integrated AWS S3 for scalable storage and signed URLs for secure access.
- Engineered wav-encoder for precise waveform decoding and encoding, improving performance by 40%.
- Deployed on Heroku, leveraging TypeScript for type safety and optimized API performance.

Wellness Hub

React, Tailwind CSS, Vite, Figma

[Repository Link](#)

Sept 2024

- Developed a PWA providing mental health resources, achieving 1,000+ active monthly users.
- Built a responsive, mobile-first UI with React and Tailwind, improving accessibility.
- Translated Figma designs into pixel-perfect UI.

Render File

React, Node.js, MongoDB, YouTube Data API

[Repository Link](#)

July 2024

- Built a content management app for a YouTube channel, reducing manual updates by 70%.
- Implemented admin controls for real-time schedule updates and efficient content moderation.

Meal Map

React, GraphQL, Google Places API, Stripe

[Repository Link](#)

May 2024

- Created a restaurant discovery platform using GraphQL and Google Places API.
- Integrated Stripe for donations, enhancing monetization options.
- Optimized GraphQL queries, improving response time.

EXPERIENCE

Freelance Web Developer

Remote

June 2024 - Present

- Designed, developed, and deployed scalable MERN applications with optimized UI/UX.
- Collaborated in agile teams and individually ensuring 100% on-time delivery for all client projects.
- Delivered production-ready React and Tailwind-based UIs from provided Figma designs.
- Built and optimized RESTful and GraphQL APIs for efficient data management.

Freelance Musician

Toronto, ON

2017 - Present

- Performed at top venues including Koerner Hall, Burlington Performing Arts Centre, and The Rex Hotel.
- Composed and arranged original music, showcasing versatility across multiple instruments.
- Earned multiple music awards, recognizing performance excellence and leadership.

Server and Bartender

Collective Arts Brewing, Toronto, ON

Apr 2022 - Present

- Delivered exceptional customer experiences, boosting sales and repeat business.
- Developed expertise in craft beverage flavor profiling, enhancing customer engagement.