

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: HTML, CSS, JavaScript, TypeScript

Frameworks and Databases: React, Tailwind CSS, Express, GraphQL, MongoDB, MySQL, Sequelize, Mongoose

Environments and Tools: AWS, S3, Heroku, Netlify, Render, Git, Vite, Node.js

CERTIFICATES

AWS Certified Cloud Practitioner (Dec 2024)

PROJECTS

Wave-Chopper

MERN, AWS S3, TypeScript, Tailwind, Vite

Repository Link

Aug 2024

- Built a **full-stack web app** for uploading and processing WAV files with audio effects.
- Used **AWS S3** for scalable file storage, retrieval, and signed URLs for secure access.
- Implemented **wav-encoder** and **waveFile** for decoding/encoding and applied real-time effects.
- Managed user authentication with **JWT** and stored user data in **MongoDB**.
- Deployed on **Heroku**, optimizing server performance with **TypeScript** and **Express.js**.

Wellness Hub

React, Tailwind CSS, Vite, Figma

Repository Link

Sept 2024

- Built a responsive PWA providing mental health resources for over 1,000 users, optimizing accessibility.
- Used React and Tailwind for a consistent mobile-friendly design on all screen sizes.
- Implemented a pixel-perfect Figma design in an agile workflow, improving development efficiency.

Render File

React, Node, MongoDB, YouTube Data API

Repository Link

July 2024

- Designed a scheduling and content management web app for a YouTube channel, enabling real-time updates.
- Developed an admin mode for seamless schedule updates, reducing manual updates by 70%.

Meal Map

React, GraphQL, Google Places, Stripe

Repository Link

May 2024

- Built a restaurant recommendation app using the Google Places API, enhancing user experience.
- Integrated Stripe for donations and optimized GraphQL for efficient data querying.

EXPERIENCE

Freelance Web Developer

Remote

June 2024 - Present

- Built scalable MERN stack applications with an emphasis on UI/UX optimization.
- Delivered functional solutions from Figma designs, using RESTful and GraphQL APIs.
- Collaborated cross-functionally in agile teams, achieving 100% on-time project completion.

Freelance Musician

Toronto, ON

2017 - Present

- Led and performed in bands across Toronto's jazz scene, including high-profile venues.
- Self-taught multiple instruments and composed original works, showcasing adaptability and creativity.
- Recognized with multiple awards for musical excellence and leadership.

Server and Bartender

Collective Arts Brewing Taproom, Toronto, ON

April 2022 - Present

- Provided exceptional customer service, boosting client satisfaction.
- Demonstrated expertise in flavor profiles, enhancing customer engagement.