

# 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, Lambda), Heroku, Netlify, Render, Git

## CERTIFICATIONS

**AWS Certified Cloud Practitioner** (Dec 2024)

## PROJECTS

### Wave-Chopper

*MERN, AWS S3, TypeScript, Tailwind, Vite*  
*Jan 2025*

[Repository Link](#)

- 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*  
*Sept 2024*

[Repository Link](#)

- 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*  
*July 2024*

[Repository Link](#)

- 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*  
*May 2024*

[Repository Link](#)

- 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.