# Garrick L. **Henne**

*Vancouver, British Columbia*

☐ (403) 999-1177  |  ✉ garrickhenne@outlook.com  |  ⌂ https://garrickhenne.github.io/  |  ⬚ garrickhenne  |  ⬚ garrickhenne  |

Full Stack software developer specializing in web development and testing with a drive to create unique client-serving solutions. Passionate about creating robust products applying AGILE methodologies and working with my team to streamline workflow.

## Skills

**Programming**    C#, JavaScript - React, Node, Express, TypeScript, Ruby - Ruby on Rails, SQL, HTML/CSS
**Testing**    xUnit, Jest, Mocha, Chai, Selenium, Cypress

## Experience

**Geotab - Software Developer Intern**                                                      *Vancouver, BC*
C#, TypeScript, PostgreSQL, xUnit, Jest, Selenium                              *Jan. 2022 to Aug. 2023 - 20 mos*

- Developed user interfaces based on Figma designs, collaborating with web designers to implement client-first interfaces
- Implemented new API endpoints and optimized trip retrieval views by streamlining and combining API calls.
- Successfully refactored front-end modules into independent components, enhancing code modularity.
- Applied similar refactoring principles to back-end classes, facilitating dependency injection for xUnit testing using Moq
- As Senior Intern, demonstrated leadership by leading on-boarding sessions for new interns, providing guidance on the code-base, workflows, and problem-solving.

## Projects

**Smart Task**
JavaScript, Node, Express, Tailwind, PostgreSQL                                                           ⬚

- Application that tracks tasks and automatically categorizes them based on pre-trained models using Google Natural Language API
- Tasks are persisted in PostgreSQL database by user

**Photolabs**
JavaScript - React, Node, PostgreSQL                                                                      ⬚

- Application to view, share or like photos and related photographer information
- Photo data is stored in PostgreSQL database

**SmartMute**
JavaScript, HTML/CSS - Personal Project                                                                   ⬚

- Chrome based extension that mutes inactive tabs when current tab plays audio. Unmute tabs when audio has ended.
- Background script created using Google Chrome's Tab API

**Meditation Timer**
Swift, SwiftUI - Personal Project                                                                         ⬚

- Model-view-controller application implemented with SwiftUI and UIKit
- UI contains animations, modal views, tablist, and Timer
- Persistence with UserDefaults and Core Data

**PNG Photo Mosaic**
C++                                                                                                      ⬚

- Adds rings of colored pixels centered at a given origin, around a given image, traversed using Breadth First Search
- Breadth First Search algorithm is implemented with two-stack queue structure.

## Education

**Lighthouse Labs**                                                                  *Vancouver, British Columbia*
Web Development Diploma                                                                   *Sept. 2023 - Dec. 2023*