

# Brennan Duck

## Full-stack Web Developer

LinkedIn | GitHub | Portfolio | +1-941-730-0886 | Knoxville, TN

## Summary

Full-stack developer with 2+ years of freelance experience and industry experience as a full-stack developer currently pursuing a bachelor’s degree in Computer Science.

## Technical Skills

JavaScript, TypeScript, Go, JavaScript Frameworks, React, Bun, Node, NextJs, Svelte, WordPress, Git/GitHub, Turso, MongoDB, SQL, SQLite, TailwindCSS, GraphQL,tRPC, Prisma, HTML, CSS, REST, T3 Stack, MERN, Linux/Unix

## Technical Projects

**FwendAI** - (Project is closed-source, repo available upon request) | Demo | Site - 03/2024

*Full-stack AI chat companion app built with NextJS, featuring a modern UI, end-to-end type-safety, authentication, and a custom AI model based on Llama 3. Delivered a seamless user experience for simulating human conversation.”*

- Created a modern UI using NextJS
- End-to-end type-safety via Prisma, tPRC, and TypeScript
- Implemented authentication via Auth.js, and payments via Stripe.
- Trained an AI model based on Llama 3 to better simulate human conversation.

**Watermelon King** - Frontend | Demo | Site - 08/2023

*Idle clicker game with a frontend built in Svelte and a backend in Go.*

- Created a responsive UI in Svelte that is suitable for mobile and desktop.
- Wrote a performant backend in Go for handling user authentication and data retrieval
- Buil complex client-side functionality in TypeScript.

## Experience

**Duck Family Dental** | 2025 - Current

*Lead Developer*

- Created a modern, performant, SEO-friendly website to attract patients using SvelteKit and deployed in a custom cloud environment.
- Improved patient retention by building messaging pipelines.
- Saved thousands of dollars yearly by building integrations to replace paid services.

**Freelance** | 2022 - Current

*Web Developer*

- Built modern, maintainable, and SEO-friendly event pages for local businesses and charities using modern frameworks like NextJS. Leading to increased attendance by between 25 and 80%.
- Created performant lead generation pages with WordPress for a local insurance agency and integrated them manually with necessary APIs. This resulted in a savings of up to \$30 per lead on approximately 125 daily leads generated.
- Effectively communicated technical complex technical concepts to non-technical clients/prospects.

**SlopGoblins NPO** | March 2024 - May 2024

*Software Engineer*

- Built a reusable library of over 30 form components using React and TailwindCSS.
- Implemented backend integration with Amazon S3 for efficient file storage and fetching.
- Created a performant search page using the aforementioned library so that users could easily filter through and search for movies.

**Previous experience**   **Self-employed, contracted through various companies** | 09/2020 - 11/2022

*Insurance Agent/Sales Manager*

- Closed roughly \$48,000 APV of insurance policies per month.
- Maintained a book of business that featured over 200 individual clients as well as multiple businesses.
- Led and mentored a team of 7 sales people to achieve an average volume of \$80,000 weekly

**Education**

**TripleTen (Previously Practicum) by Yandex** | *Software Engineering Program* | **Graduated May 2024**

- Learned the basics of Node, Express, HTML, and CSS.

**Pellissippi State Community College** | *Bachelors of Computer Science* | **Currently Attending 2025**

- Taken classes on basic data structures, algorithms, etc.
- Planned transfer to UT Knoxville in Summer 2026
- 3.69 GPA