

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, specializing in building modern web applications using React, NextJS, and TypeScript. Passionate about creating efficient and scalable solutions, with a proven track record of delivering high-quality projects for clients.

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, tRPC, 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
- Built complex client-side functionality in TypeScript.

Experience

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**

University of Central Florida | *Bachelors of Computer Science* | **Attended from 2018 - 2020**