

# BRENDAN THERRIEN

## Software Developer

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### SUMMARY

Enthusiastic software developer with an excellent record of working closely in a development team using Agile methodologies. 4+ years experience in user-centered design and development in CSS, JavaScript, PHP, and database systems. Experience in developing both web and mobile apps with JavaScript frameworks, including React. Strong passion for UX and UI design.

Proven track record of building relationships and communication channels with stakeholders and other departments. Considered excellent at being able to describe problems and technical solutions in a meaningful way to non-developer teammates and clients, despite being in a field that traditionally struggles with this type of communication.

### SKILLS

- JavaScript
- TypeScript
- React
- React Native
- PHP
- CSS & SASS
- SQL/PostgreSQL
- Node.js
- AWS
- Firebase
- Realm
- Swift
- Agile
- Git
- ML (R)
- Java
- UX (Figma, Sketch)
- OOP & Functional
- Parallel (multi-threading)

### EDUCATION

#### University of New Hampshire

Graduating May 2021

#### B.S. Computer Science

**Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Design & Development, Functional Programming, Theory of Computation, Parallel & Distributed Programming (Threading), Senior Project

### EXPERIENCE

#### ARE Corp

May 2018 - Present

#### iOS & Web App Developer

Hampton, NH

- Originally an internship and subsequently hired.
- Develop a bridge inspection mobile app with Swift using Agile methodologies, AWS, PostgreSQL, Realm, and other SDKs & APIs.
- Execute methodologies for supporting continuous integration and development, including managing distribution through Apple's TestFlight and Connect programs.
- Continuously engage with project stakeholders and civil engineers (testers) to gather new user requirements and feedback.
- Work with and influence development of complex database models via AWS services and PostgreSQL.
- Increase productivity and efficiency for Marketing and HR departments by managing an internal company website and creating web applications.
- Develop a strong understanding for user empathy through partaking in bi-weekly demos and user testing.

#### NextStep HealthTech

Sept 2020 - Present

#### Senior Project (university), UX & React Native Development

Remote

- Led a team as Scrum Master in our design and development of new features for NextStep HealthTech's mobile application suite.
- Built each feature from the ground up: gathering user requirements from stakeholders, to UX prototyping, to development and testing.
- Gained valuable experience with using TypeScript in combination with a JavaScript framework (React Native).

## EXPERIENCE & PROJECTS (cont.)

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### Various Clients

Jan 2017 - Present

#### Freelance Web Developer

Remote

- Build websites using a combination of web technologies, including JavaScript, PHP, WordPress, and CSS.
- Drive online sales by developing and continuously managing a shopping cart and payment system integrated with a payment solution API.
- Increase website conversion rate by designing a functional UX using industry best practices.

### GreenPages, Inc.

June 2016 - Jan 2018

#### Development Intern

Kittery, ME

- Collaborated with company clients to develop custom applications in QuickBase and Filemaker Pro.
- Expanded and improved (refactored) an existing PHP codebase.
- Dramatically enhanced the hiring & applications website for human resources using JavaScript and CSS.

## PERSONAL PROJECTS

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### Level Studio (WIP, on Github)

2019 - Present

#### HTML5 gaming web app

- End-to-end development project including user requirements, UX prototyping and design, and development. Client side technologies include React, Redux, Redux Saga, and SASS. Server side uses NodeJS and Express.
- Strong emphasis on user interaction, engagement, and animations.

### LevelPalace

2016 - 2017

#### Game and level sharing website

- Developed a website with PHP, SQL, and JavaScript (jQuery) designed for sharing flash-based browser games and levels. Used CPanel, Apache, and PHPMyAdmin.
- Boosted SEO and integrated with Google Analytics and Cloudflare.