



# TYLER BROWN

## JavaScript & React Expert

📍 Chattanooga, TN

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## Skills

JavaScript (ES6), HTML, CSS, Sass, Ruby, Obj-C, Swift

HTTP, REST, WebSockets

React, Redux, Node, Express, React Native, Sequelize, Ruby on Rails

PostgreSQL, MySQL, Redis, Heroku, Nginx, Git

Gulp, Browserify, Babel

OAuth, SAML, SSO

## Interests

GraphQL, Elixir, Phoenix, Webpack

## Summary

Expert in web and mobile application development with mastery of HTTP, JavaScript, React, and browser technologies.

Particularly experienced with universal apps via React - same code running on & rendered by both server and client.

## Experience

2016 - Present

Staff Engineer, Engineering Manager

[NextRoll \(AdRoll\)](#)

- Lead the Customer Experience team in building new front-end applications in React & Redux. Shipped new signup, onboarding, homepage & more.
- Lead efforts in building and managing a cross-team React component library including key components (like navigation and base API clients) and upgrading the whole system to latest versions.
- Built universal JavaScript application for building custom reports - shows a preview on-demand in the frontend as well as generates PDF version on set schedule on the backend.

2016 - 2016 Front-end Architect

[StatMuse](#)

- Built main universal web app from ground up in React, Redux, ES6.
- Built and open-sourced [custom JavaScript router](#) for handling universal needs.

2015 - 2016 Senior Software Engineer

[OpenTable](#)

- Built isomorphic web apps using Node.js, Flux (fluxible), and React
- Setup build pipelines using Gulp, Grunt, and Browserify for Sass and ES6

2013 - 2014 Senior Software Engineer

[Variable](#)

- Built iOS apps that interfaced with Bluetooth devices using CoreBluetooth, CoreData, AFNetworking, & Shinobi Charts
- Built RESTful APIs with Rails that queue heavy workloads via Redis & Sidekiq
- Built Node.js/Websockets app that streams real-time data from iOS to web clients

2012 - 2013 Software Engineer

[Focus Tech aka MacNeill Group](#)

- Built cross-platform mobile apps with PhoneGap and Backbone.js
- Built web apps for managing insurance policy data - Rails, ActiveResource, Backbone.js

2010 - 2012 Software Engineer

[Socially U](#)

- Built web-based chat platform using Rails, JavaScript, & Faye
- Built IVR/Twilio app that queues incoming callers which agents can claim via web UI
- Extensive experience in Rails web apps: social networking, billing, video, e-commerce, multi-tenancy, etc

2009 - 2009 Software Engineer

Firma 8

- Built web apps in PHP and Rails

2006 - 2008 Engineering Intern

WiWait

- Programmed 8051 microcontrollers with built-in transceivers in C
- Designed schematics and fabricated circuit boards