I want to build your app!

Tyler Brown, JavaScript Expert

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If you need someone to build your app, I'm your guy. I have 15 years of experience at companies big and small in back-end, front-end, and mobile app development. I'm an expert at JavaScript, and my preferred stack is Node, Postgres, and React. I take pride in producing simple, organized code bases with an emphasis on long-term maintainability.

Building apps is my life, and I'm excited to build yours!

Experience

Millie - CTO & Founding Engineer

Jul 2019 - Present

- Coding up the world's best platform for companies to implement their social impact programs: milliegiving.com
- I've spent the last 5 years here building it out from the ground up. I started it on the side, and it's turned into a successful, boot-strapped business. This is a full-featured B2B SaaS platform, built single-handedly by me.

NextRoll - Staff Engineer & Engineering Manager

Oct 2016 - Sep 2021

- Led the Customer Experience team in building new front-end applications in React & Redux. Shipped new signup, onboarding, homepage & more.
- Led 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.

StatMuse - Front-End Architect

Jan 2016 - Aug 2016

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

OpenTable - Senior Engineer

Jan 2015 - Dec 2015

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

Variable - Senior Engineer

Jan 2013 - Dec 2014

- 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

SociallyU - Software Engineer

Jan 2010 - Dec 2012

- 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

Skills

Primary Stack

JavaScript, Node.js, Express, React, Redux, HTML, CSS, PostgreSQL, Redis, Heroku, S3, NPM, GIT

Protocols

HTTP, REST, OAuth, SAML, SSO, SCIM

APIs

Stripe, Slack, Mandril, SendGrid, Google Maps

Personal Projects

Row Keeper

An iOS app for tracking rowing workouts. Simply enter your time and distance to see your splits, charted progress over time, weekly and monthly totals on the calendar, and lifetime summary.

I built this back in 2014 and had great success among rowers. I built it using Backbone.js as an embedded webview via PhoneGap.

Dot Snake

dotsnake.app

The classic game of snake with competitive leaderboards.

An iOS app with the UI written in React in an embedded webview via Capacitor and the underlying game logic written in native Swift. The scores are persisted to the server using Express & Postgres.