

Profile

I've learned to make code **small**, **simple**, and **readable**. My aim is prolific and expeditious code output while maintaining quality. I make loosely-coupled components, understandable abstractions, and low-ceremony frameworks.

As a programmer, my first principle is **user experience**. Like most of us, I struggle with mediocre software every day, and I use that dissatisfaction to set a high standard for my work. The first end user is the next person who must understand and add to the code.

As a teammate and leader, I am devoted to **friendliness** and **respect**. I am a good communicator, love sharing my knowledge, and learning from others. I've given talks at local user groups, mentored co-workers in my free time, and publish open source projects.

Technology

TypeScript • React • Node.js •
JavaScript • C# • F# • .NET Core • .NET
Framework • Babel • Webpack •
Redux • Next.js • Postgres • Redis •
MongoDB • Docker • AWS • Azure •
GCP • Firebase • Supabase • FP • OOP •
REST • Microservices • TDD • BDD •
DDD • Git • GitHub • React Native •
Electron • Browser Extensions •
jQuery • HTML • CSS • SCSS • Less •
Stylus • Bootstrap • Foundation •
Tailwind • Webpack • Babel • Parcel

Experience

Independent Consultant – Dec 2014 to Present – Remote

- Created a mobile social network app for a startup conference and shared working space provider. This was written in functional TypeScript and React Native, with some Python/Django and Postgres on a Heroku backend.
- Consulted on JavaScript and front-end tech for Bitbanger Labs for their ColorSpike hybrid mobile app built on Cordova.
- Wrote a Chrome extension using the Mithril framework to inspect advertisements embedded in web pages for Brighthouse.
- Designed and prototyped an app and backend for a IOT equipment monitoring startup in Sandpoint, ID using React, Elasticsearch, and Postgres.
- Created an Electron app connected to the QuickBooks API to build quotes for a greenhouse manufacturer.

Senior Software Engineer - RiskLens – Jun 2017 to Dec 2017 – Spokane, WA

Helped lead the front-end development of FAIR-U - a React + Redux-based app backed by C#, SQL Server, and Azure & transitioned the team to TypeScript and other modern front-end tools. Gained experience with a security-focused and process-intensive team.

Senior Developer - Kochava – Apr 2014 to Nov 2014 – Sandpoint, ID

Worked on infrastructure and systems to manage large volumes of real-time analytics data. I tackled complex challenges requiring constant inventiveness and collaboration to help the company scale at a rapid rate.

My work centered around Node.js, Redis, Linux, and MongoDB. I also led the early implementation of a scalable high-traffic analytics backend.

Web Developer - Coldwater Creek – Oct 2012 to Apr 2014 – Sandpoint, ID

- Implemented a product search which outperformed all competitors, including a novel infinite scrolling method.
- Provided an array of features and user interfaces widgets for website with around one million hits per day.
- Wrote or re-wrote around 30 internal web-driven tools for e-commerce & marketing teams.

Even more previous experience is detailed at [my website](#) :)