Dan Finch

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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**.
- 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 Bringhub.
- Designed and prototyped an app and backend for a IOT equipment monitoring startup in Sandpoint, ID using **React**, **Postgres**, and **AWS**.
- Created an **Electron** app connected to the QuickBooks Desktop SDK 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.
- Integrated Foundation with TypeScript via **Webpack** extensibility for strongly typed theming.

Contract Developer @ TenX Logic – *Oct 2015 to Mar 2016 (Remote)*

- Project for the oil + gas industry targeted the **Mono** platform on ARM processors with an **AngularJS** front-end.
- Designed and implemented a **C#**-based driver model to control equipment in the field.

Senior Developer @ Kochava – *Apr 2014 to Nov 2014 (Sandpoint, ID)*

- Worked on infrastructure and systems to manage large volumes of real-time analytics data.
- 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**.

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. I've published a blog post about this.
- Provided an array of features and user interfaces widgets for website with around one million hits per day with **C#**, **JavaScript**, and **SQL Server**.
- Wrote or re-wrote around 30 internal web-driven tools to improve workflow for e-commerce & marketing teams.
- Wrote custom **jQuery**-powered framework and widgets for tool suite.
- Initiated effort to significantly improve client-side page load performance and improve sales.
- Created a framework allowing mutual embedding between **ASP.NET MVC** and WebForms to allow a smooth transition off of legacy code.

Technical Director @ Promitheia – Sep *2006 to Sep 2012 (Austin, TX)*

As co-founder of this startup I was responsible for software design, programming, project management, operations, testing, maintenance, and security.

- Created complex e-commerce platform featuring retail and affiliate marketing management.
- Configured and managed production web servers including Microsoft IIS and **LAMP** stack.
- Worked closely with DBA on data-driven applications powered by **SQL Server** and ADO.NET.
- Analyzed and selected supporting software and services, including early adoption of technologies such as **ASP.NET MVC**, **jQuery**, **F#**, **AWS**, and **Git**.
- Developed solutions using Service Oriented Architecture, WCF, and Windows services. Integrated software with various cloud data and web service providers.
- Studied and implemented e-commerce best practices, web security standards, and PCI compliance.