# SCOTT TOLKSDORF
## Solution Architect

## CONTACT

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## NOTABLE PROJECTS

### ↗ myo.js

The official javascript library for Myo Armband, the most popular way to develop for Myo. Used to power Myo Diagnostics Page.

### ↗ homebrewery

Creates authentic looing D&D material using only Markdown. Over 250,000 documents have been made using it, handling 400 requests per minute.

### ↗ vitreum

Custom build system for modern web apps, similar to Webpack. First version 2013, predates most modern fullstack build systems, while being feature similar.

## FAVOURITE TOOLS

- Zapier/IFTTT
- Sublime Text
- Git
- Node.js
- React & Flux
- Coda.io
- Heroku
- Slackbots

## EXPERIENCE

### North  *2014 - 2019*

#### Fullstack Architect

- Onboarded 6 new members, including extensive code reviews and 1-on-1 mentoring.
- Maintined and enhanced our internal build system as other teams adopted it.
- Integration of Shopify Point-of-sale, Shopify Web, and React into a single retail app for retail applications.
- Oversaw full company brand change for both external and internal web assets.
- Created a new style of CMS utilizing in-repo YAML and Markdown, editable by non-technicals via prose.io.

#### Rapid Prototyping

- Helped create a prototype Alexa integration with our product that Jeff Bezos demoed.
- Designed a radical new physical input device for, from soldering to firmware to web sockets to a web-based demo.
- UI/UX prototyping for Focals, coordinated and conducted user tests to validate assumptions.
- Reworked 3rd-party NDA flow, saving over 80 man-hours/week.

#### Web Lead

- Directly hired 5 people to team, who each went on to become team leads as we grew.
- Launched an fully featured App Store in 3 months with 3 developers.
- Designed and Implemented a blazing fast method of server-side rendering for our webapps.

### Smile.io  *2012 - 2014*

#### Co-Founder, Lead Front-End Developer

- Implemented the rules engine for our points system that handled millions of e-commerce transactions.
- Lead the design and implement of the user interfaces for all of our new products.
- Developed many tools for the team from scratch: Interactive load testers, loyalty-rules engine interface and client-side error reporting library.
- Built a tool that hybridized both Backbone and Prototype MVC frameworks, allowing our system to easily adapt with different client-side environments with minimal code change.