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

Bungalow
2019 - 2020

Solution Architect

- Productized the company's pricing strategy into a high-performance service; allowing key metrics to be monitored and updated via machine learning, leading to the creation of our data science team.
- Automated key parts of our acquisition funnel, allowing our team to greatly increase the size and quality of our funnel without needing to make additional hires
- Implemented a service and source of truth for locations and geofences with over 22,000 regions. Used by marketting, data science, engineering, and pricing teams to automate their workflows and to geotag their information cross-team.

North
2014 - 2019

Fullstack Architect

- Integration of Shopify Point-of-sale, Shopify Web, and React into a single retail app for retail applications.
- Maintained and enhanced our internal build system as other teams adopted it.
- 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.
- Onboarded 4 new developers, including extensive code reviews and 1-on-1 mentoring.

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

- 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.
- Directly hired 5 people to team, who each went on to become team leads as we grew.

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 Tolerface 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.