

# BREKK BOCKRATH

I am a software engineer with a deep focus on JavaScript. I am well-versed in providing a good user experience built with clean and simple software. I've served in a range of roles, from individual contributor to front-end technical lead of a small front-end team of eight. I enjoy mentoring and sharing knowledge, especially when working with active learners.

I learn quickly and I'm passionate about building both clean, data-driven interfaces and the frameworks that power them. I love anything that lives in the front-end or JavaScript. For the last few years I've been learning and trying to teach the patterns of functional programming — I am still a journeyman but I am very excited by the clarity, ease-of-maintenance and safety that FP has provided. I am fascinated by visualizations of complex systems and programs which can be run on themselves.

Here are some open-source modules I've published:

- `katsu-curry` for multiple different flavors of currying in JS
- `handrail` for adding safety to functional composition pipelines
- `entrust` to allow for delegatee-last tacit programming
- `blem` to facilitate the creation of BEM-style selectors
- `sngang` for tacit programming in the command line.

[Find more on my site:](#)

*Brekk.is*

## EXPERIENCE

### APRIL 2020 - PRESENT

Front-end Tech Lead @ *ebay / mobile.de*; Berlin, Germany

- Worked as a frontend lead for a team of 6
- Maintained several legacy codebases built on top of jQuery + Angular
- Built a tool for parsing soy templates and automatically converting them to JSX / React components

### JUNE 2019 - APRIL 2020

Senior Front-end Engineer @ *Pincamp*; Berlin, Germany

- Worked as a front-end engineer for a team of 10
- Migrated a legacy codebase to `gatsby`, improving page load speed by 3x

- Created tooling to help automate builds and prevent foot-guns, using lint-staged and several small scripts built on top of snang

## OCTOBER 2018 - JUNE 2019

Front-end Developer @ *SF Networx*; Denver, CO

- Did contracting work for Long View Systems, including:
  - Built an internal invoicing tool using electron-pdf which allowed for generation of PDFs using Markdown and scss
  - Built an internal CMS tool using express, axios and oauth

## FEBRUARY 2018 - SEPTEMBER 2018

Front-end Engineer @ *Golden*; San Francisco, CA

- Served as a front-end engineer in a small team of 10
- Added integration tests via nightmare
- Re-built old homepage using rollup and x-ray
- Added "Issues" feature for suggesting changes to the content of the page

## JUNE 2015 - AUGUST 2017

Front-end Technical Lead @ *Fanatics*; San Mateo, CA

- Served as a front-end technical lead for a team of 8
- Built two versions of a framework for CMS tool, Lumen, for managing the content-authoring of white-label sports sites, including layouts, components and experimentation. *Technologies*: react; redux; mobx; express; fluture; ramda; scss;
- Worked as a re-platforming engineer and augmented views to support a new style / theme *Technologies*: jQuery; postcss; scss

## DEC. 2013 – JUNE 2015

Front-end Engineer @ *Watchwith*; San Francisco, CA.

- Served as technical lead for a 2-person front-end team
- Built software for a second-screen application to keep broadcasters "in-sync" (using an external API) with television-based data, including live broadcasts. *Technologies*: JavaScript; HTML5; <video>; CSS *Integrations*: ThePlatform (Video); Telescope (Voting)

## JAN. 2010 – 2013

*Independent Software Engineering Contractor* Boulder, CO.

- For Cardinal Peak, completed functional enhancements to a television-based user navigation system for Blockbuster/Samsung. *Technologies*: JavaScript; HTML5
- For Mischievous Grin, developed educational game framework and proof of concept. *Technologies*: MongoDB; node; express; grunt; Mongoose; JSON; HTML5 Canvas; git

- For Apple: Developed and implemented an automated image quality report generator. *Technologies*: PHP; CSS; XHTML
- For Imatest: Designed and developed server-side, database and UI components for an image quality analysis system. *Technologies*: PHP; SOAP; MySQL; HTML5; CSS; XML; JSON; jQuery; scss

## **JAN. 2012 – AUG. 2012**

Software Engineer @ *Upsync*; Boulder, CO.

- Designed and implemented a client-side application for creating and editing ad-hoc HTML forms. *Technologies*: JavaScript; jQuery; HTML
- Helped develop and maintain a CMS web application which allowed syncing between servers and remote iOS devices. *Technologies*: XHTML; HTML5; jQuery; SVN; CSS; sass; MySQL; WebSQL

## **EDUCATION**

*Bachelor of Fine Arts*, 2009 University of Auckland, New Zealand Emphasis: Computer-based graphic design; Interactive time-based media & Film