Brian Vaughn
Engineer

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github.com/bvaughn

*I build **tools** that help make other engineers **more productive***

Replay Engineer, frontend lead
2022 - present

- Building the Replay.io devtools
- Wrote major DevTools components (console, object inspector, log points panel, source code viewer)
- Wrote major social components (library/dashboard page, reporting, commenting)
- Implemented Suspense-based data loading and cache-management
- Created react-resizable-panels, suspense, and use-context-menu libraries for DevTools components

Facebook Staff engineer, tech lead
2016 - 2022

- React JS core team
- Developer Tooling sub-team lead
- Built and maintain the React Developer Tools (with several million weekly active users)
- ReactJS blog author and keynote speaker

Treasure Data Engineer, front end lead
2015 - 2016

- Front-end lead for Developer Console UI
- Lead rewrite fromAngularJS to React + Redux
- Created react-virtualized and redux-search for new site

Google Engineer
2014 - 2015

- Google Cloud Platform web console UI
- Contributed to Maps Android Material UI rewrite

Recurly Engineer, front end lead
2014 - 2014

- Lead small team to rewrite Recurly front-end from Ruby on Rails to Angular JS
- Created Angular formFor library for new site

Pickarious CTO and founder
2013 - 2014

- Created and maintained web and mobile frontends
- User interface designer

Rosetta Stone Engineer, technical lead, Director of engineering
2005 - 2014

- Director of engineering (2014)
- Frontend lead for Advanced English for Business product (2013)
- Frontend lead for Rosetta Stone mobile Android (2012)
- Senior Engineer R&D "labs" (2010-2011)
- Engineer on Rosetta Stone (CD) and TOTALe (web)

Vital Assets Inc Web developer
2004 - 2005

- Engineer working primarily with PHP and Java applications
- UI designer creating marketing materials and business cards

James Madison University B.S. Digital Interactive Media

- Graduated with honors (Magna cum laude) from the School of Media Arts & Design.
- Received highest department award, Academic Excellence in Digital Media.

Open Source

github.com/bvaughn/suspense
APIs to simplify data loading and caching with React Suspense

github.com/bvaughn/react-resizable-panels
React components for resizable panels

github.com/bvaughn/use-context-menu
React components for displaying configurable context menus

github.com/bvaughn/react-window
github.com/bvaughn/react-virtualized
React components for rendering large lists and tabular data

github.com/bvaughn/planner
Interactive Canvas-based planning tool

github.com/bvaughn/progress-estimator
Animated progress bar that estimates duration of CII tasks

github.com/bvaughn/js-search
github.com/bvaughn/js-worker-search
github.com/bvaughn/redux-search
Client-side search utilities for JavaScript and JSON data

github.com/bvaughn/react-error-boundary
Reusable React error boundary component

github.com/bvaughn/react-flame-graph
Visualizes profiling data; used in the React DevTools Profiler

github.com/bvaughn/react-highlight-words
github.com/bvaughn/highlight-words-core
React components for highlighting inline search matches

github.com/bvaughn/react-virtualized-select
github.com/bvaughn/react-select-fast-filter-options
Fast React dropdown menus with custom UIs

github.com/bvaughn/react-presents
React slideshow framework

github.com/bvaughn/task-runner
Utilities to simplify dependency management for async tasks

github.com/bvaughn/angular-form-for
Define complex HTML forms with client or server-side validations

sourceforge.net/projects/nennius
MVC framework for building complex CRUD applications in PHP