Christopher Beley

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Experience

Twitter, Staff Software Engineer, San Francisco, CA — Jun 2022 - Jan 2023

- Web Tools tech lead, a new team dedicated to improving the developer experience for all web engineers.
- Extensively documented the use of JavaScript and Node to identify opportunities for shared tooling, improvements, and unification of efforts company-wide.
- Collaborated with the Bazel build tool migration team to provide context on JavaScript customers' needs and help fix issues with existing Bazel JavaScript rules.
- Aided in the migration from Enzyme to React Testing Library + Component Story Format.

OpenTable, San Francisco, CA — May 2016 - Sep 2020
Principal Software Engineer, Mar 2018 - Sep 2020
Senior Software Engineer, May 2016 - Mar 2018

Supported frontend teams across all of the consumer web organization.

- Bootstrapped a framework for quickly spinning up new Node.js backends to production in under ten minutes. Directed a small team to further mature the project. Now widely adopted by frontend engineering.
- Coordinated a small team to spearhead a Node.js isomorphic frontend monorepo for React JS applications. Advised & helped maintain it after initial roll-out. The project greatly decreased the time needed to implement wide-spanning features and is now used by most consumer frontend engineers at OpenTable.
- Designed & implemented Babel & Webpack plugins for locale string extraction. Decreased production builds times by up to 20 minutes & shrunk overall JavaScript bundle sizes.
- Mentored & provided guidance for teams and projects across all of consumer web engineering. Often acted as a bridge between backend and frontend teams.
- Wrote custom webpack & babel configurations for frontend applications and frameworks to help decrease build times, lower bundle sizes, and add quality of life features for engineers.
- Designed frontend deployment systems with Docker and TeamCity that greatly simplified the pipelines they replaced.
- Primary contributor & significant influencer to an isomorphic mobile-optimized Node.JS service for React JS frontends. Much of this work was later adopted into the consumer frontend monorepo project.
- Advocated on behalf of all consumer frontend engineering during the roll-out of a revamped OpenTable-wide authentication system. Negotiated with backend and frontend teams to ensure their needs were inline with each other. Implemented a Node.js middleware for JWT claims token handling.

Inkling, Full Stack Engineer, San Francisco, CA — Oct 2014 - Mar 2016

Worked on the Experience Web team to develop software for users to access their personal libraries on both mobile and desktop web.

- Reworked several applications to use Docker for deployments, which decreased production deployment complexity and simplified set-up time for local development.
- Acted as the Directly Responsible Individual (DRI) to roll out a new feature to allow users to search their personal libraries on the existing Backbone.js frontend.
- Added custom branding, password reset flows, security questions, and first-time login flows to the existing login UI. Performed major refactoring of this code to allow for the changes, which was also a huge win for

future maintenance.
- Collaborated with the platform team to support Single Sign-On (SSO) in the core API and integrated that work into the frontend and backend code for the user-facing eBook library and reading experiences.
- Created a standalone, frontend login application to be shared across all frontends.
- Actively contributed to backend services written in Python to implement frontend needs end-to-end.
- Established best practices for localization of the user library experience utilizing Django's frameworks.
- Automated string extraction from Python, JavaScript, and HTML templates. By automatically uploading new strings and downloading translations, significant developer time was saved.

Software Engineer, Fluid, San Francisco, CA — Jun 2013 - Oct 2014

Focused on developing software that ran both in the browser and server side for custom consumer product configuration experiences.

- Re-wrote the configurable product imagery rendering engine in JavaScript so it could be utilized both client-side in the browser and server-side via Node.js. Dramatically reduced maintenance costs and increased velocity of implementing new features.
- Added the ability to render text and images ("clipart") onto user customized products via UV Maps.
- Transitioned code to CommonJS modules to better support testing and sharing.

Founder, Flextory, San Francisco, CA — Mar 2012 - May 2019

Flextory was an easy to use web-based data management system for inventory, personnel, libraries, research data, and more. I was solely responsible for all development, marketing, design, and business operations.

- First place (and $10,000) at the Qualcomm Wireless Innovations competition.
- Fourth place (and $1,500) at the Burrill Business Competition.
- Accepted into several entrepreneurial support programs: Venturelab, UW-Madison Law and Entrepreneurship Legal Help Program, and Merlin Mentors.

Unix Systems Administrator, Space Science & Engineering Center, Madison, WI — May 2009 - May 2013

- Administered and physically maintained several hundred servers on a daily basis.
- Orchestrated the deployment of a $250,000 server order.
- Set up Puppet to administer groups of servers and educate the rest of the IT staff on its use.
- Improved and automated new machine deployments with custom system install scripts.
- Worked with all teams in the organization to match their needs to hardware and software solutions.
- Trained students in Linux/Unix administration and department operations.
- Managed simultaneous projects using a ticket management system.

Skills

Significant Experience With

JavaScript   Node.js   React JS   CSS   Redux   GraphQL   Docker   Webpack   Babel   BASH

Some/Varied Experience With

Python   C#   PHP   Gatsby JS   Bazel

Education

University of Wisconsin – Madison
B.S. Double Major in Computer Engineering and Computer Science — 2008–2013