Alex Cartmell

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www.alexcartmell.com

San Francisco, CA

EDUCATION

University of Washington
SEATTLE, WA

September 2009 - June 2013
BS in Computer Science
BS in Applied Mathematics
GPA: 3.70

WORK EXPERIENCE

Zabble
Senior Frontend Engineer
SAN FRANCISCO, CA
zabbleinc.com
March 2023 - July 2023 (Contract)

Sole frontend web engineer on a lean startup team, responsible for all feature development and maintenance of the Zabble Zero web application. Quickly ramped up on the product, codebase, and tech stack in order to provide as much value as possible during a short four-month contract. Designed, implemented, and rolled out multiple major features, including a single sign-on authentication flow using SAML, bulk editing of waste collection invoices, and a data import feature allowing clients to bulk-upload facility and waste receptacle data into their Zabble account.

WeWork
Staff Frontend Engineer
Senior Frontend Engineer
Full Stack Engineer
NEW YORK, NY
wework.com
November 2017 - January 2023

Lead frontend engineer for WeWork's member-facing web app. Led a team of 6+ engineers on numerous initiatives, including new feature work, performance & stability improvements, and automated testing. Helped build the app all the way from a Create React App starter, replacing the legacy AngularJS implementation with a modern, performant, and maintainable single-page app. Strong focus on data and analytics, surfacing key takeaways to product managers in order to inform business decisions. Technologies included React, TypeScript, Sass, Storybook, and Apollo GraphQL.

Focused heavily on writing shareable code as NPM packages with intuitive & well-documented interfaces, in order to reduce redundancy across other WeWork web products. Examples included a shared design system built on TailwindCSS, a collection of components for in-app notifications, and a library for building map-based search experiences with Mapbox.

Prior to shifting focus to frontend web, worked primarily on the backend, focusing on several Ruby on Rails microservices, including a feature flag management service, a service to sync community events data between systems, and the backend API powering the WeLive member experience.

HopPlotter
Co-founder, Lead Engineer
SEATTLE, WA
hopplotter.com
January 2015 - December 2019

Designed and implemented the technology behind beer tourism app HopPlotter from the ground up. The HopPlotter stack included a service-oriented architecture with RESTful APIs, built on a Python/Django and PostgreSQL backend; a rich single-page web app built on ES6, HTML5, and CSS3; native iOS and Android mobile apps built with Swift and Java; and interaction with over a dozen external APIs to collect, process, and present brewery data. Interesting challenges included building a combined username/password and Facebook authentication system, a notifications framework shared across multiple platforms, a performance analytics console for brewery owners, and a responsive mobile web app.

SKILLS

JavaScript, CSS, HTML	Significant experience throughout entire career, with a passion for implementing beautiful and performant web experiences
React	Significant experience
TypeScript	Significant experience
Ruby/Rails	Intermediate experience
Python/Django	Intermediate experience
Java	Intermediate experience
iOS development (Swift)	Intermediate experience
Android development (Java)	Intermediate experience