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Experience

Lead Product Engineer

The Duckbill Group 2020-2021

As the primary product owner and engineer on DuckTools, a suite of AWS cost management tools, I wrote everything from **Terraform** to **React**, with **Ruby** and **Go** in between.

Software Engineer

Brex 2019-2020

On the Card Product team at this fintech startup, I built user-facing features and accounting integrations across the **Typescript React** frontend and **Elixir** microservice backend.

Senior Software Engineer / Lead Backend Engineer

Joyable 2014-2019 As a full stack developer using **Angular.js** (later **React**) and **Ruby on Rails**, I helped this mental health startup grow from 5 to 40 people. I built many user-facing features, improved frontend performance, built payment + subscription systems, wrote internal tools, built most of the API, drove the transition to an **SPA**, managed/developed the **Docker**-based infrastructure, and hired/mentored other engineers.

Software Developer

Threadflip 2013-2014

I did full stack development with **Rails**, **Coffeescript**, and **Backbone** at this two-sided ecommerce marketplace. I worked on user-facing features, internal tools, refactoring, and optimization.

Software Engineer

Expensify 2011-2013

I was an early developer at this SaaS expense reporting startup working on both the **PHP** backend (bank apis, a Mechanical Turk> system, receipt parsing) and the **JS** frontend.

Projects

Scarr

github/kkuchta/scarr

A **Golang** tool to quickly register + spin up new sites with **S3**, **Cloudfront**, **ACM**, and **Route53** on **AWS**.

CSS-Only Chat

github/kkuchta/css-only-chat

An asynchronous, web-based chat with no JS at all (by abusing the http protocol + css). Built to probe the limits of webapps.

kmk.party

github/kkuchta/url_shortener

A humorous, but functional, url shortener using AWS Lambda and no datastore in Python.

Other Projects

A bot that generates fake AWS announcements. An infinite-scrolling wall of random imgur images in **Angular**. A tiny **Javascript** physics engine. A mobile-friendly **React** site for browsing filtered travel destinations. A **Ruby** twitterbot that completes Hamilton lyrics.

Education

BS in Software Engineering, 2011 Rochester Institute of Technology

Speaking

Other Interests

Ruby is the Best Javascript | RubyConf2018
Source Diving | RubyConf2019

Homebrewing, Photography,
Travel, Comic Drawing