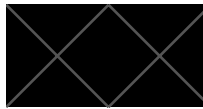


MATTHEW



I'm a self-disciplined, experience-first, relationship-maintaining engineer & leader.
I'm seeking user-facing work with a quality team and face-to-face collaboration.


San Francisco, USA
github.com/rubyonrials

ENGINEERING CAREER

Curebase CTO • Typescript, React, GraphQL, Postgres, AWS

September 2018 - March 2021

- Curebase lets any healthcare provider become a medical researcher through safe, easy-to-use clinical software
- Hired and led our team of 5 software developers as we grew from 0 users to run dozens of studies with hundreds of doctors and thousands of enrolled study participants, from seed to a Series A fundraise

Driver Software Engineer • Javascript, React Native

March 2018 - September 2018

- Developed all core functionality for a native app for cancer patients to manage their treatment
- Refactored our frontend build and deployment process to publish to both US and Chinese app stores

Netflix Senior Full Stack Developer • Rails, Postgres, AWS, Jenkins

April 2017 - December 2017

- Developed scalable web apps for internal studio personnel to create Netflix Original content
- Created and maintained cloud infrastructure and a deployment pipeline using AWS and Jenkins
- Created a scalable and concurrent queuing library for 4 internal engineering teams

Coinbase Software Engineer • Rails, React, MongoDB

June 2014 - March 2017

- Designed and developed for all parts of our web client as we grew from 1M to 5M users
- Built and refined critical backend systems like our bank verification service and fee architecture
- Increased account completion by 26% and reduced time-to-first-purchase by 70% by conducting user studies, leading A/B tests, and building a new onboarding tool

TryBTC Co-founder, Acquired by Coinbase • Rails, jQuery

July 2013 - September 2014

- Built a tool to teach non-technical people to make their first bitcoin transaction in under 5 minutes
- Developed idea and raised money at Lightspeed Venture Partners' Summer Fellowship program

EDUCATION

Stanford University Computer Science

September 2012 - June 2014

PERSONAL PROJECTS

backtogether.fm, a WIP tool to create accessible silent discos via synchronized audio streaming (2022)

LibGenre, a Ruby CLI tool to categorize your Spotify library into ML-defined genre playlists (2022)

spotifymusicvideos.com, a Javascript app using Spotify and Youtube APIs to make music video playlists (2019)

Volare, a Javascript flight search engine (2013) • **iOS apps**, 5 apps with over 30,000 downloads (2012)

3D Laser Pong, a Java pong game played with infrared laser pointers and a Wii remote (2011)

TestScheduler, a PHP app to help teachers at my high school schedule non-overlapping tests (2011)