

Jason Chee

Product Engineer

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links: [personal](#) [linkedin](#) [github](#)

Work Experiences

Mar 2022 - Sep 2023

Upright - Senior Software Engineer

- Primarily served as a full stack **Ruby on Rails** developer utilizing **Ruby, JavaScript, Stimulus, React**.
- Collaborated closely with the product team to build and improve internal tools for cross-functional teams—such as sales, underwriters, and management—while adhering to **Agile** methodologies.
- Utilized tools closely tied with Ruby on Rails ecosystem, including **Stimulus, Rails UJS, Sidekiq, Redis, and ActionCable**, to develop real-time features.
- Successfully migrated 90% of the admin-facing pages, originally built in React, to Ruby on Rails view pages.
- Leveraged my knowledge of **Heroku** to help improve deployment pipeline for engineers and QA testers.
- Participated in company wide technology migration to extract services from the monolithic application to cloud- based micro services.
- Due to the absence of a dedicated designer in the company, I frequently designed and crafted user interfaces, web pages, and functionality from scratch—sometimes unplanned for or in the moment.

Feb 2021 - Oct 2021

Ann Arbor T-Shirt Company - Ruby on Rails Developer

- Ruby on Rails developer building new software and maintaining existing software.
- Participated in meetings with business leaders to provide potential solutions for existing problems.
- Provided the CTO and cross-department managers with mockup screens to validate proof of concept. Once approved I would transform the designs into functional pages.
- Assisted with Ruby on Rails 5 to 6.1 upgrade and introduced team members to new libraries like **ActiveStorage, Ruby on Rails Credentials, Webpacker, Stimulus, Hotwire, and Turbo**.
- I designed, developed, and shipped an internal team collaboration tool for both quarterly and annual planning. By leveraging Amazon's Fulfillment API, I parsed historical data to determine the sales velocity of individual inventory items. The analysis aided the production and inventory team in restocking decisions. Additionally, it provided the product team with estimates on the quantities to be produced during various grace periods.

Mar 2018 - now

88pixels to-go - Software Engineer

- 88pixels to-go is a San Antonio-based business, formerly located in Hangzhou, China, offering tailored software solutions for startups, SMBs, and established corporations.
- Conducted technical and non-technical workshops to boost the local tech ecosystem in Shanghai.
- Conducted free public speaking workshops in San Antonio to help SMBs with technology pivot strategies and introduction to government contracting.

- Invited into Geekdom's 2021 incubator program. \$40,000 in funding and an opportunity to innovate a civic technology solution for the City of San Antonio.
- At the moment, dormant and not soliciting new work.

Jan 2021 - now

Amazon Fulfillment Center - Fulfillment Associate (part-time)

Apr 2018 - Feb 2019

Le Wagon - Coding Bootcamp Instructor (part-time)

2015 - 2017

Carat China (Dentsu) - Senior Insights Analyst

2011 - 2013

Sundance School - Technology Teacher/IT

Education

Mar 2017 - May 2017

Le Wagon - *Shanghai, China*

Full Stack Web Development

2013 - 2015

Shanghai Normal University - *Shanghai, China*

Mandarin Language Program

2007 - 2011

William Paterson University - *Wayne, New Jersey*

Bachelor of Arts and Sciences, Mass Communications

Projects

- [signhow](#) (volunteer se) - global sign language database (rails 7, heroku)
- [babyshowerpower](#) (deprecated) - design and email baby shower themed e-cards (rails 6.1, stimulus-reflex, dokku, sendgrid)
- [spareleash](#) (client work) - airbnb but for people who own pets or pet sit (rails 6.1, webpack, dokku, wechat pay api)
- [homeslice_pizza](#) (client work) - kiosk raspberry pi solution to update large menu displays (rails 6, actioncable, dokku)

Spoken Languages

- English - fluent
- Mandarin - conversational

Areas of Expertise

- Ruby, HTML, CSS, JavaScript, Ruby on Rails, Stimulus, Hotwire, Turbo, TailwindCSS, Bootstrap.
- Keeping it simple and boring.
- Building user-facing features. I care about how the user will interact with the application.
- I like going from customer facing problem into ideation into potential solution then shipping out to production.
- I enjoy working in teams, pair programming and learning from others.

Interests

Writing and recording music, jiu jitsu, traveling, family. More about me [here](#).