

Michael Chu

Boston, MA
☎ 617-901-3333
✉ michael.zm.chu@gmail.com

Experience

Nov 2016 – **Senior Software Engineer**, *Privy*, Boston, MA.

- Apr 2023
 - Spearheaded the development of the Privy application for the Wix App Market.
 - Reduced annual operating costs by \$40,000 by migrating email event archiving system to AWS Firehose and S3.
 - Reduced application build times by more than 50% by optimizing CI/CD workflows.
 - Designed and built:
 - Coupon authoring service, integrating with Privy partners including Shopify and BigCommerce
 - Domain verification feature for merchants to verify custom sending domains
 - Mobile-optimized layout system for merchant displays
 - Text message automation service that respects quiet hours within customers' local time zones
 - Salesforce data integration using Heroku Connect which reduced the sales team's data latency by more than 60%
 - Integrations with email service providers that include Sendlane, Recart, and Conversio
 - Migrated dashboard UI components from MarionetteJS to ReactJS.
 - Contributed to the development of e-commerce marketing automations: abandoned cart and purchase follow-up emails/texts.
 - Mentored junior engineers through pair programming.

Sep 2016 – **Software Engineer**, *Netra Inc.*, Boston, MA.

- Nov 2016
 - Started process to containerize model training environment with Docker for scalability.
 - Implemented features for the dashboard application (allows clients to upload videos for object tagging).

Feb 2015 – **Software Engineer**, *Bookity*, Boston, MA.

- Mar 2016
 - Refactored multi-page Rails application into a single-page AngularJS application with a RESTful backend.
 - Wrote unit tests that increased the application's test coverage by more than 50%.
 - Upgraded application framework from Rails 3.2 to Rails 4.2.
 - Refactored payment system to process check and credit card payments using the Stripe API.
 - Wrote feature to allow clients to export venue visit data as CSV files.

Oct 2013 – **Software Engineer**, *Kiwi6.com*, Quincy, MA.

Oct 2014

Nov 2012 – **IT Consultant**, *RGL Companies Ltd.*, Sheung Wan, Hong Kong.

Jun 2013

Skills

Languages Ruby, Javascript, Java, HTML5, CSS3

Databases PostgreSQL, MongoDB, Redis, InfluxDB

Frameworks Ruby on Rails, Sidekiq, React, Redux, AngularJS

Cloud Heroku, AWS(Kinesis, RDS, EC2)

Education

Sep 2007 - **BS in Mechanical Engineering**, *Boston University, Boston, MA.*

Dec 2011