

Kenneth Liao

A software engineer at heart with a focus on web applications fullstack engineering. Turned retail arbitrage hobby into a self-employed career break. Looking for a new career opportunity combining software engineering and e-Commerce marketplace experiences.

RELEVANT EXPERIENCE

Career Break: Self-Employed — Retail Commodity Arbitrage

MAY 2020 - CURRENT (2 yrs 9 mos) - Personal goal pursuit

- Top worldwide seller on an e-Commerce marketplace platform for the sneakers category, generating \$2M+ in annual revenue.
- Designed chrome extension to help make better business decisions and more easily navigate inventory listing on a web-based seller platform.
- Implemented server side and client side scripts to help monitor products.
- Responsible for researching various retail products, packaging & shipping sales, and bookkeeping with Quickbooks.

Software Engineer — Project X (fka ADstruc), NYC

AUGUST 2014 - MAY 2020 (5 yrs 10 mos)

- Fullstack engineering in an agile environment, worked on numerous core product features for the industry-leading web-based workflow tool for buying and selling out-of-home advertising media.
- Implemented new features and maintained existing features, using Google Maps API. Features included rendering map markers, overlays, KMLs, clusters, and more.
- Performed code reviews, acted as gatekeeper for testing, deployments, and hot-fixes.
- Participated in refactoring and modernizing front-end Javascript.
- Initiated and integrated a front-end testing framework.
- Initiated and designed a highly customizable yet powerful Excel and PowerPoint export service to better represent data to stakeholders.

SELF IMPROVEMENT PROJECTS

Ken.ly — URL Shortening and Redirecting Service

2013 - <http://kenly.kennyliao.com/> - Flask, Python, HTML, CSS, Twitter Bootstrap, SQLite3, Apache
2023 - <http://kenly2.kennyliao.com/> - Ruby on Rails, React, JS, HTML, CSS, MUI, SQLite3, Apache, Passenger

- Gained understanding on how frontend views connect to backend frameworks via API routes and accessing databases to achieve an URL redirecting service.

Logo API — Logo Image Searching Service

2015 - <http://logo-api.kennyliao.com/> - Flask, Python, JS, HTML, CSS, Apache

- A simple API that searches for a logo in the category of your choice and outputs an URL of the image in JSON.

RECOMMENDATIONS RECEIVED

- “Kenny impressed me right out of the gate with his strong work ethic, ability to learn and execute quickly, and his ever-present positive demeanor... The trust he earned through his careful and methodical approach combined with extreme work ethic and lightning quickness, allowed me to count on him in many situations...”

- Eric Justusson - VP of Engineering at Project X

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SKILLS

Programming Languages:

Java, PHP, Python

Web Languages:

HTML5, JavaScript, CSS3, SASS

Frameworks & Libraries:

Flask for Python, Symfony for PHP, jQuery, Backbone.js, Google Maps API, HandsOnTable, Selenium, Twitter Bootstrap, Foundation

Other Tools:

Git, MySQL, PostgreSQL, Resque, Redis, CLI

Experienced with:

Full-Stack Web Applications Development, Agile Methodology, RESTful API

Familiar with:

AWS, React, Ruby on Rails

LANGUAGES

Fluent in:

English, Mandarin, Cantonese, Hokkien, and Malay.

EDUCATION

Rutgers University, NJ

BS in Computer Science

SEPTEMBER 2009 - MAY 2013