

Wilson Collado

Work Experience

Squarespace, New York, NY

February 2014 - February 2019

Senior Frontend Software Engineer

Responsible for frontend code across the account dashboard, authentication, domains and Squarespace 7 products.

Personal contributions include:

- Built the Account Dashboard using React, Redux and Styled Components.
- Created a small package of reusable Styled Components for use in two separate services.
- Coordinated frontend changes to authentication screens for the mobile teams.
- Implemented social login flows and two-factor authentication.
- Built several features for the Domain Management System including settings and DNS configuration.

DeNA, San Francisco, CA

May 2013 - January 2014

Software Engineer

Responsible for quickly prototyping web front-ends, as well as integrating a server-side platform for providing user services.

Personal contributions include:

- Introduced Angular.js, along with Bootstrap, as the basis for quickly iterating on front-end prototypes.
- Developed build scripts and optimized Gruntfiles to keep iterating and deploying the front-end as smooth as possible.
- Wrote several API endpoints in Go for our user service, such as a Facebook friend recommender.
- Utilized an in-house graph database to store and query user information via Go and through RESTful HTTP calls directly from the front-end.
- Wrote a small Python client for running and analyzing queries against our in-house graph database.

thredUP, San Francisco, CA

December 2011 - February 2013

Front-end Engineer

Responsible for a consignment store software built with Ruby on Rails.

Personal contributions include:

- Introduced Backbone.js to the user-facing JavaScript to improve the flexibility of front-end code.
- Developed several jQuery plugins and widgets to increase code reusability.
- Designed and implemented all front-end JavaScript used on the browse portion of the website.
- Developed several RESTful end points needed by the AJAX portions of the front-end.
- Selected the JavaScript design patterns and tools used by the rest of the engineering team.

Arc90, New York, NY

May 2010 - May 2011

Software Engineer

Responsible for a Python web application that powers a search engine used by engineers to find technical information.

Personal contributions include:

- Participated in designing and rebuilding the entire website on an entirely new platform.
- Implemented much of the Python code used to wrap the Bottle web framework to fit our needs.
- Developed all the model mappings using SQLAlchemy to simplify and abstract data access.

FactSet Research Systems, New York, NY

July 2009 - May 2010

Software Engineer

Responsible for a ColdFusion web application that manages an entitlement process for financial companies to share research through FactSet's main application, as well as tracking readership records for that research.

Personal contributions include:

- Introduced the MooTools JavaScript framework to provide more Web 2.0 functionality, such as AJAX and auto-suggest searches. Upgraded the web application to be fully UTF-8 compliant by updating the Perl code's database connection method.
- Wrote a configurable data access layer to manage clusters of mirrored MySQL databases.
- Migrated the readership data from MySQL to MongoDB to reduce the load on MySQL and improve readership report.
- performance, using a Python web service to query MongoDB.
- Developed new JavaScript libraries to reduce redundancy in the code base.

Education

Polytechnic Institute of New York University, Brooklyn, NY

2005 - 2009

Bachelor of Science in Computer Science

- Cumulative GPA: 3.212
- Major GPA: 3.462