

Work Experience

Seedco, New York City, September 2013 - September 2016

Director of Technology, February - September 2016

Data Systems Support and Operations Manager, September 2013 - February 2016

- Transitioned email services from in-house to cloud and managed VoIP phone vendor changeover, resulting in reduced support requirements and lower cost.
- Coordinated development for EarnBenefits Online (EBO) benefit screening web app, including automated reporting features which reduced time preparing reports by 90%.

Insound, New York City, January 2012 - September 2013

Lead Developer, October 2012 - September 2013

Developer, January 2012 - October 2012

- Enhanced mobile user experience with Bootstrap-based redesign.
- Encouraged customer product exploration with purchase-based recommendation engine.

Fuzzy Thinkers, Remote, December 2010 - March 2011

Mobile Application Programmer

- Developed custom applications using Android SDK and PhoneGap.

Projects

Collaboardate (*React, Redux, Ruby on Rails, PostgreSQL, HTML, CSS; [Live](#) / [Github](#)*)

Card-based project management application, inspired by Trello

- Applied parallel frontend and backend card reordering algorithms to minimize network requests and increase responsiveness.

Picturehouse NYC (*PHP, JavaScript, jQuery, MySQL, HTML, CSS; [Live](#)*)

Portfolio and informational site for photo services organization

- Redesigned and added custom AJAX features to improve user experience by dynamically loading pages, photos, and content.

Skills

Frontend: React, Redux, JavaScript, jQuery, HTML, CSS

Backend: Ruby on Rails, RSpec, PHP, Java, SQL, Apache; Amazon S3, DynamoDB, and EMR

Education

Web Development Intensive - App Academy

- Rigorous course emphasizing pair programming and coding best practices.

BA Computer Science with Honors, Mathematics - Messiah College (2003, GPA 3.86)