



## Software Engineer, May 2015 - Oct 2020

*aResTravel - Travel/Tourism: San Diego, California*

**Developed and maintained** administrative systems for internal and external use.

**Collaborated with stakeholders** and created software solutions to improve efficiency.

### SKILLS

**Reduced user falloff** by handling large inventory queries asynchronously.

**Integrated with multiple** third-party APIs and built tools to process and integrate data into the platform.

**Built a centralized image database** with DocumentDB to facilitate the management of millions of images provided by third-party services.

**Developed an image manager** to access images from multiple sources, upload images, create galleries, crop images to different ratios, retain a library of original images, and a twig extension that generates <picture> elements.

**Designed and implemented a refund system** that had hooks that would fire at each step of the system. This allowed for built-in coordination, no physical paper trail, and all changes reflected on our platform in real time.

**Automated accounting report** generation, reducing manual labor by 90%

**DevOps:** AWS, Docker, Ansible, Make files, Git on BitBucket, Composer, NPM (Yarn).

**Testing:** PHPUnit, Selenium.

**Development:** PHP, Symfony, Twig, Wordpress, Javascript JQuery, HTML, CSS, Bootstrap, LESS, Angular (1.4).

**Storage:** Doctrine, RDS (MySQL), Redis, and DocumentDB (Mongo).

**Techniques:** API Consumption (SOAP, REST), CSV Data Processing, AJAX, A/B Testing (Google Experiments), Accessibility, Responsive Design, Cross Browser Compatibility, SEO, Optimization, Cron, Batch Processing.

**Tooling:** JetBrains, VSCode, Insomnia, Adobe Suite, Hotjar, Viscosity, Office Suite, Google Suite, HotJar, Google Experiments.

**Management:** Slack, Discord, Jira, Confluence, Asana, Trello; Agile, kanban.

### EDUCATION

BA - Psychology,  
University at Buffalo:  
Buffalo, New York  
Mar 2008

BFA - Visual Communication, The  
School of the Art Institute of  
Chicago:  
Chicago, Illinois  
Mar 2001

## Designer / Developer, Apr 2011 - May 2015

*FortuneBuilders - Real Estate Education: San Diego, California*

**Developed and maintained** multiple versions of our custom WordPress based training platform.

**Page speed increased 100%** by optimizing queries with Transients and then later Memcache.

**Created a 1-on-1 coaching system** in Angular consisting of a calendaring and administration utility.

**Oversaw technical support** for our application allowing me to iterate quickly on features.

**Built microsites and landing pages** for use as promotional collateral, a place to sell products, and opportunities for organic discovery.

## Web Designer, Feb 2007 – Jul 2010

*Chakra Communications Inc. - Agency: Buffalo, New York*

**Managed multiple responsibilities** from information architecture to splash graphics and animation.

**Varied clientele flowed continuously**, allowing me to work on diverse and memorable projects.

**Translated a poet's charcoal sketches** and audio recordings into a site that synchronized Flash animation along with the readings.

**Built a site for a children's book** from just a few black and white line drawings, that was filled with color, animation, and easter eggs.

**Developed a virtual museum** with 3D assets and animation in Flash along with a static site focused on accessibility.