

# Tyler Martinez

UI Engineering & Design  
Specializing in Web Applications

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## Experience

2016 -  
2017

### IBM Watson Health Senior UI Engineer

I was hired at the Watson Health Dallas office as the first JavaScript centric developer. I worked to stream line the UI development environments and mentor team members in React JS.

The first project I worked on was the *Visit Prep* application. This was an existing React / Rails project nearing release but still with major issues. The front end application did not bundle and was not currently deployed. After refactoring the Webpack implementation we were able to get the project deployed. We finished the remaining features and on-boarded the first clients on time.

*Watson Health Communication Routing Service* was the second and largest project I worked on. The service provides a cohesive solution for sending HIPAA compliant, globally available, multi-modal communications. I worked with a small team as the sole UI developer to create an initial prototype. After proving the concept we expanded the team to scale the service. Watson Health is currently moving all existing offerings to use the service.

2013 -  
2015

### Freelance Development & Design Various UI Roles

Beginning in 2013 I worked as a freelance developer and designer. My initial passion was design but I soon found a calling in UI development.

*Greeting Card Collection* was the largest project I worked on during this period of time. When I joined the project they had a monolithic Rails application. The application powered a CMS, a video e-card distribution platform, and several e-commerce front ends. I worked with a team of remote developers to deconstruct the monolith into a suite of services. My largest contributions were to the CMS where I designed new workflows and developed a WYSIWYG editor.

*Red Stone Foods* was another large project in the e-commerce space that I contracted on. They wanted to expand their business from the whole sale market to general consumers. We worked with a local design agency to modernize their applications and improve SEO. By the time I left the project the business had seen a sharp increase in orders < \$100.

## Proficiencies

### Languages & Platforms

- JavaScript
- TypeScript
- Node.js
- GraphQL
- Electron
- AWS

### UI Technologies

- React
- Redux
- Apollo
- Relay
- Webpack

### Server Technologies

- Express
- Koa
- Serverless

### Design / UX

- Sketch
- Adobe Suite
- Balsamiq
- InVision
- Origami

## Education

University of Texas at Dallas  
2008-2012

School of Mathematics  
Statistics Specialization