

## EXPERIENCE

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### Full-Stack Software Engineer

Apr 2017 - Present

*Curatess, Lombard, IL*

- Wrote, designed, tested and documented our progressive web app from scratch with React, Redux, Redux Saga, Reselect, ES6, TypeScript, Webpack, Jest, JSON Web Tokens, CSS Modules and Material UI.
- Brainstormed and implemented a way for users to be notified of incoming WebRTC calls even when logged out through a service worker, Firebase Messaging, and a Chrome extension.
- Pair programmed a JavaScript class that reads raw PCM audio data from a Bluetooth Eko stethoscope, decodes it, compresses it, and sends it over real-time PubNub channels.
- Spearheaded a refactoring project to redesign our calling architecture, helping web and mobile clients more efficiently communicate with our services. Will allow us to significantly reduce cost of real-time messaging infrastructure and reduce likelihood of bugs.
- Built an open source LDAP/Active Directory OAuth 2.0 service, allowing users to use their existing employer login credentials for our app. Stack included Rails, Grape API, Swagger, Docker, and a custom Bash script.
- Mentored our intern on how to use Git and write our application user manual.
- Communicated progress and gathered feedback from project managers, clients beta testers, and stakeholders.

### Software Engineering Student

Oct 2016 - Feb 2017

*Viking Code School, Remote*

- Built full-stack Ruby and JavaScript apps in an Agile environment.
- Shipped a course scheduling app along with 3 developers for a higher education client using Rails and AngularJS.

### Front End Developer

Jan 2015 - Oct 2016

*Big Tuna Web, Winfield, IL*

- Designed and built custom front ends with HTML, CSS, Bootstrap, jQuery and JavaScript.
- Worked with a team to ship 10 - 20 responsive, cross-browser compatible websites monthly.

## TOOLS

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JavaScript, TypeScript, React, Redux, Redux Saga, Reselect, ES6, Jest, CSS Modules, JWT, OpenTok, Twilio, PubNub, Firebase, Service Workers, Browser Extensions, Web Audio API, Webpack, Gulp, Yarn, Git, AngularJS, AJAX, Web APIs, jQuery, Bootstrap, CSS3, HTML5, Ruby, Rails, RSpec, Sinatra, Python, Flask, Google Cloud Platform, Docker, Codeship.

## EDUCATION

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**Wheaton College**, Wheaton, IL  
B.A. Philosophy