

# sharon craddock

FRONTEND ENGINEER/DEVELOPER

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## PROFILE

Software engineer with 7+ years of experience, most of that at an ed tech company where I was a member of 3 different teams from its startup days through its IPO and beyond. I'm most passionate about users and their experience, and as such, have special interests in design, page speed optimization and accessibility.

## EXPERIENCE

### *Software Engineer - Frontend*

#### **Varsity Tutors, 2015-2023 (7 years, 9 months)**

- Delivered performant, readable, scalable and thoroughly-tested code as an individual contributor to 16 different React and Ruby on Rails codebases over 7+ years, including the breaking up of a monolith into service-oriented architecture. (React, Ruby, Ruby on Rails)
- Authored a re-architecture of flow through 16 user journeys, created a pre-launch team test plan, and created suites of automated tests to monitor changes as the company transitioned from a package-hours business model to a subscription-only model. (Ruby, Ruby on Rails, RSpec, GhostInspector)
- Built new Administrator and Teacher Portals, allowing thousands of public school teachers and administrators to assign tutoring and monitor student progress. (React, MUI, Typescript, React Testing Library, Jest)  
**Press Release, Business Wire:** <https://bwnews.pr/40w89zb>
- Project-managed and coded accessibility (a11y) improvements across four properties (meeting WCAG 2.1 A/AA standards), allowing tutoring contracts with over 200 public school districts to be secured.
- Led and implemented page-speed improvement initiatives on multiple properties, including two that were A/B tested and proven faster than the equivalent Google AMP version across the user base (Ruby, Ruby on Rails).
- Authored both backend API endpoints and the frontends that consumed them (React, SQL, Ruby on Rails)
- Mentored junior developers and interns - 100% were hired full-time after completing their internships.

## SKILLS

**Programming Languages :** JavaScript, TypeScript, HTML, CSS, Sass, Ruby, Python, SQL

**Libraries, Templating and Frameworks:** React JS, Ruby on Rails, Tailwind, Bootstrap, Material, MUI, ERB, HamL, Slim, Mustache

**Tools and Platforms:** Git, Github, Jira, Webpack, Vite, Storybook, AWS S3

**Testing and Monitoring:** React Testing Library, Jest, RSpec, Minitest, New Relic, GhostInspector, Lighthouse, OpsGenie

**Other:** Page Speed Optimization, Accessibility, SEO, A/B Testing, Mentorship, Project Management, Graphic Design

## EDUCATION

Master of Arts in Teaching - Winthrop University

Bachelor of Music - Winthrop University