

# ZACH HECKERT

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## TECHNICAL EXPERTISE

Frontend, Full Stack, JavaScript (ES6+), TypeScript, Ruby, Rails, HTML5/CSS3, Node.js, Express.js, Tailwind, MUI, React.js, MongoDB, Git, Netlify, Render, Heroku, GitHub, Docker, Figma, Jira/Confluence, Google Suite, AWS (S3)

## EXPERIENCE

### **Software Engineer 1** - ExecOnline, Inc

**August 2022 - January 2024**

- Oversaw backend and frontend aspects of high-traffic enterprise-scale ed-tech app features utilizing Ruby on Rails, React, Tailwind, MobX, SQL, and TypeScript. Responsibilities included constructing or modifying backend API endpoints and resources and decoding them with React/TypeScript frontend for user access.
- Built and implemented a feature switcher toggle enabling administrators to navigate between the admin console and other sections of the product based on user permissions. This empowered users to freely switch between accessible product areas and facilitated beta access for interested clients, all without impacting existing functionality.
- Constructed significant new consumer-facing features as part of a company-wide transition to a SaaS-based business model, including deploying new functionalities like light/dark theming.
- Collaborated with a cross-functional team consisting of a product lead, designer, and QA engineer to implement features as detailed in Figma, suggesting improvements or raising issues resulting from conflicting in-flight work as necessary to ensure due dates were met.
- Updated and fleshed out documentation surrounding in-house TypeScript library CooperTS, adding examples and styling as necessary.
- Cataloged, triaged, and resolved hundreds of bug alerts using the error-tracking app Honeybadger to prevent future occurrences.

### **Associate Software Engineer** - ExecOnline, Inc

**May 2021 - August 2022**

- Partnered with the Director of UX to lead and document a comprehensive platform-wide branding refresh. Tasks included updating, consolidating, or removing SASS stylesheets, refactoring and updating CSS variables and their references, replacing fonts, imagery, logos, and various other styling elements and patterns throughout the application, resulting in more manageable CSS, ensuring smooth future development.
- Contributed to achieving AA accessibility status for our product by optimizing tags and validating content functionality with tools like Voiceover, ensuring an inclusive user experience.
- Improved performance and scalability of key client-facing functions by replacing outdated HAML views with modern React components and TypeScript.
- Monitored and documented progress on in-flight work and team processes using Confluence and Jira.

### **Graphic Designer** - Boostability

**November 2015 - August 2017**

- Utilized industry-standard tools such as Adobe Photoshop, Illustrator, and Sketch to conceptualize, design, and construct website mockups for various small businesses.
- Created and redesigned over 400 logos to showcase and strengthen client branding.

### **Content Implementation Specialist** - Boostability

**February 2015 - November 2015**

- Executed content integration (photos, text, etc.) for tailored WordPress websites leveraging HTML, CSS, and various plugins.
- Crafted optimized copy for highlighted sections, adhering to SEO best practices, driving engagement, and enhancing client website branding.

## EDUCATION

### **Full-Stack JavaScript Web Development Certification** V School

**August 2020 - February 2021**

### **Bachelor of Science, Art and Visual Communication** Utah Valley University

### **Associate in Applied Science, Digital Communication Technology** Utah Valley University

**December 2008 - December 2016**