

Jon Richards
Sr. Software Engineer

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Summary

Full-stack software engineer with a front-end bias and a background in UI/UX. I design, architect, and execute intuitive solutions for complicated problems.

Technical Skills

- **Preferred Languages:** TypeScript, C#, Python, CSS/SASS, SQL, C++, Go, HTML
- **Frameworks:** React, Vue, Angular, Lit, Svelte, Redux, Pinia, Express, Dotnet, LINQ, Django, Flask, Unreal Engine, Godot
- **Tools & Platforms:** Vite, Webpack, Node.js, Docker, AWS, Postgres, MySQL, SQLite, VS Code, Visual Studio, Neovim, Copilot, Claude, Cursor, Figma, Adobe Suite, Substance Suite, Maya, ZBrush, Blender, Windows, Linux, OSX, JIRA, Outlook
- **Methodologies:** Agile, SCRUM, Kanban, SOLID, Test Driven Development (TDD), Spec Driven Development, Web Content Accessibility Guidelines (WCAG), Mobile First Development

Work Experience

Sr. Software Engineer
Vista Higher Learning
Apr 2020 – Dec 2025
5 years, 9 months

- Tech Lead: Architected and implemented rich interactive consumer facing features across the Maestro platform.
- Scrum Master: Played a key role in sprint organization, workloads, release cadence, and coordinating with other teams within the organization.
- Researched and developed ways to optimize our workflow: AI, static analysis tooling, development practices.
- Maintained user facing products and tools in Vue, Rails, Angular.js, JavaScript, and TypeScript.

Sr. UI Developer
Third Channel
Jan 2018 – Nov 2019
1 year, 9 months

- Conceptualized and maintained a component library in React and TypeScript.
- Worked with the Product team and designers to develop a living style guide.

- Implemented a front-end build pipeline with Webpack.
- Researched and developed proof of concepts for front-end tooling and methodology enhancements.
- Maintained legacy features in Rails and Backbone.js.

Software Engineer

Catalina Marketing

Oct 2014 – Dec 2017
3 years, 3 months

- Conceptualized and executed a front-end style guide based in Angular.js and Bootstrap.
- Modernized front-end codebases for multiple web applications within the Coupon Network platform.
- Coordinated front-end development efforts with satellite teams in France, Japan, the UK, India, and the US.
- Enhanced SEO and analytics collection for new and existing products via Google Tag Manager.
- Designed and implemented a Node.js based front-end pipeline using Gulp.
- Maintained legacy codebases in Backbone.js and Kohana.
- Mentored teammates on all of the above.

Web Developer /**Interactive Designer**

Self Employed

Aug 2007 – Sept 2014
7 years, 1 month

- Designed and developed web games in Adobe Flash.

- Designed, developed, and maintained end-to-end consumer facing web applications for small businesses.
- Authored desktop applications to aid in developer and client workflows.
- Authored stock visual assets (graphics, 3D models).

Education

BFA, New Media Design & Imaging
Rochester Institute of Technology
Rochester NY, 2007