

Caleb Likens

UI / UX Engineer, Developer, Designer

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Experience

Senior Engineer in Research, Raytheon BBN Technologies, April 2022 — Present

Stack: HTML, CSS, React, Javascript, Typescript, CesiumJS, Tailwind, Vite, Node, Java, Python, VS Code, IntelliJ IDEA, GIMP

- Build, maintain, and improve existing functionality and features for various programs by utilizing cutting-edge web technologies
- Rapidly prototype and implement design concepts to reflect uncovered knowledge
- Perform knowledge acquisition with program customers to better understand their problems that need to be solved
- Utilize human-computer interaction principles to create a better design system for a legacy program
- Lead group of subject matter experts in delivering high visibility solutions for robust security requirements within programs
- Pioneer new ways of thinking and doing in industries that are only starting to gain traction as technology becomes available
- Participate in business development ventures and initiatives to win work and grow company portfolio

Senior Software Engineer, Raytheon Technologies, July 2019 — April 2022

Stack: HTML, CSS, Angular, Typescript, CesiumJS, Webpack, Node, Java, VS Code

- Applied human-computer interaction principles across multiple points of applications to help streamline productivity and improve flow
- Promote Typescript and similar front-end features to ensure synergy within the unique skillsets on the team
- Became the front-end subject matter expert for a program and trained teammates on how to properly develop for the front-end
- Updated a program's standalone training application by applying a new design, modern codebase, and improved overall cost efficiency
- Develop command and control geospatial features that helped the customer complete their mission effectively

Lead Front-end Developer & Designer, MarketSnare, April 2015 — July 2019

Stack: HTML, CSS, React, Angular.js, Javascript, jQuery, XSLT, ASP, VS Code, Adobe Photoshop

- Modernized the approach to building MarketSnare programs via architecting a componentized and modular code structure, decreasing program deployment times
- Developed the front-end for hundreds of localized websites across dozens of industries that are viewed and used by thousands of users daily
- Created an API that translated the MarketSnare proprietary tech to a JSON-based implementation to ensure a better UX on the front-end
- Implemented WCAG 2.0/2.1 and ADA compliance on different MarketSnare programs and websites while also maintaining the client's brand

Front-end Developer, Sweetwater Sound, April 2014 — April 2015

Web Specialist, Cirrus ABS, May 2012 — April 2014

Freelance Web Designer, Steffy Wood Products, July 2011 — August 2012

Education

Masters of Science in Human-Computer Interaction, Indiana University-Purdue University Indianapolis, Online, August 2021 — May 2023

Bachelor of Science in Informatics, Trine University, Angola, Indiana, August 2008 — May 2012

Skillset

- Semantic, Accessible, Cross-browser, Optimized, Responsive, W3C Valid HTML5
- CSS3, Tailwind, SCSS/SASS, Styled Components, BEM
- WCAG 2.0/2.1, Section 508, ADA Compliance
- UI/UX, web, application, and user centered design, human interface guidelines, design systems
- Node, Javascript ES6+, Web Components, JSON, GeoJSON, AJAX
- React, Solid, Typescript, Angular, RxJS, three.js, CesiumJS, D3, Electron, React Native, jQuery
- Java, Python, XSLT, XML, ASP, WebForms
- Vite, Webpack, npm
- Git, SVN
- JSON+LD, RDFa, Microdata, Schema, SEO
- Responsive HTML Emails
- Project management, Scrum certified, active security clearance

Tools

- VS Code, IntelliJ IDEA, Eclipse, Sublime Text, Notepad++
- Bash, Terminal, Powershell
- GitHub, GitLab, Bitbucket, TortoiseSVN
- Windows, macOS, Linux
- Adobe Creative Cloud, Figma, Framer, Microsoft Office, GIMP