

Christopher J. Long

Full-Stack Web Developer and Tech Educator

Fenton, MI · cjl.devv@gmail.com · <https://chrisjlong.com/>

Well-rounded full-stack developer with over 4 years of experience working with and leading teams that create modern and responsive online spaces. Passionate tech educator working to help others enrich themselves with tech skills.

Proficiencies:

HTML5, CSS, JavaScript, TypeScript, Bootstrap, SCSS, ReactJS, NodeJS, ExpressJS, NextJS, MongoDB, MySQL, REST, AJAX, Git, Ubuntu Linux, AWS, PHP, Apache, WordPress, Domain Administration, Nginx

Minor proficiencies: Python, C#, GoLang, MATLAB, XML

Development Projects:

Success Centers - Full-Stack Developer

Primary architect and developer of the new Success Centers website.

- Owned full product lifecycle: concept, wireframes, mockups, development, testing, and launch.
- Defined responsive design system, accessibility practices, and mobile-first strategy aligning with brand guidelines.
- Delivered a secure, scalable, and maintainable platform that became the organization's core public-facing tool.
- **Technologies used:** WordPress, AWS (EC2, S3), React, SCSS, TypeScript, Nginx

Portfolio Site - Full-Stack Developer

Designed, developed, and deployed a personal portfolio website to showcase my skills.

- Carried the project across concept document, wireframing, and implementation
- Designed for responsiveness, performance, and accessibility
- **Technologies used:** NextJS, React, Framer, Bootstrap, AWS (EC2, S3, Route 53, CloudFront), MongoDB

TBC Moonkin Websim - *Front-End Developer*

Built a responsive UI for a World of Warcraft character simulation tool.

- Designed an intuitive interface to visualize DPS calculations.
- Integrated seamlessly with Flask back end; contributed light Python to support input/output handling.
- Passion project demonstrating ability to adapt to existing codebases and enhance usability.
- **Technologies used:** HTML, CSS, JavaScript, Flask, Python, Anaconda, Bootstrap

Professional Experience:

Full-Stack Developer/Code on Point Program Assistant (02/2022 - Present)

Success Centers - San Francisco, CA

- Architected and developed a live website, including responsive React components, SCSS/Bootstrap styling, and API integrations with Axios.
- Planned and implemented the site's back-end ecosystem, defining infrastructure standards and security practices.
- Maintained and optimized live production workflows, including content submission processes (file size, naming conventions, aspect ratios) to ensure reliability and scalability.
- Researched and evaluated third-party services for integration into the web application.
- Contributed to program success by mentoring participants in web development and IT fundamentals courses, and delivering custom curricula tailored to learner needs.

Full-Stack Developer (Contract) (06/2021 - 05/2022)

Shiny Red Robot - Sacramento, CA

- Created prototypes for applications, including wireframes and mock-ups for each screen size
 - Created custom WordPress themes using CSS, JavaScript, PHP and Bootstrap
 - Managed a MySQL database and maintained its connection to a web application using Apache and PHP
 - Interfaced with clients to address design concerns and advised them on optimal WordPress plugins for their unique use case
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Training and Certifications:

Success Centers Code on Point Program (09/2020 - 02/2022)

Received training and mentorship in Web Development. Tutored other less-tenured participants.

CompTIA ITF+ Certification

Issued by CompTIA on April 5th, 2021

Responsive Web Design

Issued by FreeCodeCamp on July 20th, 2021

JavaScript Algorithms and Data Structures

Issued by FreeCodeCamp on December 27th, 2021