

WORK EXPERIENCE

Freelance Senior Developer / Technical Director / QA Engineer

November 2022 - Present

Remote, OR

- Collaborated with clients to create personalized branding guidelines and translate requirements into intuitive, user-friendly designs.
- Developed custom web applications tailored to client specifications, enhancing user experience and functionality.
- Performed testing to ensure cross-device and cross-browser compatibility, maintaining high standards of accessibility and usability.
- Provided ongoing maintenance, updates, and technical support, leveraging web analytics for data-driven improvements.
- Conducted QA testing on artificial intelligence models to assess response accuracy, code integrity, and overall model performance.

Teacher / Camp Director / Content Creator, Code Ninjas

March 2025 - Present

Hillsboro, OR

- Delivered coding instruction using project-based curricula across schools, classes, and camps; translated technical concepts into age-appropriate learning experiences.
- Designed and scaled curriculum, lesson plans, and digital learning content aligned with educational and program goals.
- Directed and managed coding programs and camps, overseeing operations, staff hiring/training, and instructional quality.

Building Substitute Teacher/ Long Term SLC Teacher, Groner Elementary (ESS)

September 2024 - June 2025

Hillsboro, OR

- Collaborated with students in grades K-6, including those with special education needs, to enhance their learning experience.
- Provided targeted instruction in English, Spanish, and American Sign Language (ASL) for diverse learners.
- Facilitated small group sessions focusing on reading, math, and phonics for students requiring additional support.
- Developed and implemented an after-school program for students, introducing fundamental concepts of software engineering.
- Managed and supervised classroom staff, providing daily guidance and support.
- Developed individualized curriculum aligned to student IEP goals.

Front End Developer, Kobo Inc

February 2023 - November 2023

Remote, OR

- Partnered with cross-functional teams to analyze requirements and define specifications for new features, aligning them with the nonprofit's mission and objectives.
- Played a key role in developing pivotal features, notably subscription plans built with React.js and Typescript, enhancing end-user account storage and management capabilities.
- Conducted comprehensive code reviews and testing protocols to pinpoint and rectify bugs and issues, leading to notable reductions in load times and API calls in the production environment.

Senior Web Developer / Technical Director, Helios Interactive

July 2018 - October 2022

Remote, OR

- Led development of interactive web and installation experiences for enterprise clients (Under Armour, Disney, Golden State Warriors, Cisco) using React.js, driving repeat engagements and long-term client relationships.
- Acted as technical lead on multi-month projects, mentoring junior developers, owning sprint planning/execution, and ensuring on-time, high-quality delivery.
- Designed and built front-end systems integrating with internal APIs, sockets, and installation hardware to enable reliable, real-time experiences.
- Partnered with DevOps to implement and manage AWS and Heroku deployment pipelines, reducing deployment time by 50% and minimizing cross-team dependencies.
- Championed accessibility, testing, and documentation standards, improving performance, maintainability, and inclusive user experience across projects.

EDUCATION

Rochester Institute of Technology, Rochester, New York

B.S. in New Media Interactive Development with Magna Cum Laude
Web Development Minor

American Sign Language and Deaf Culture Studies Minor

Interactive Games and Media Undergraduate Delegate

SKILLS

React.JS | Typescript.JS | Javascript | Node.js | Vue.js
| Express.js | Next.js | Docker | AI | Python | PHP |
MongoDB | Accessibility | Webpack | AWS | Figma