

Vicky Holcomb

Chico, CA | vholcomb78@gmail.com | 530-521-0666 |

[linkedin.com/in/vicky-holcomb](https://www.linkedin.com/in/vicky-holcomb) | portfolio-vicky-holcomb.vercel.app | github.com/vholcomb

SUMMARY

With over 13 years of full-stack software engineering experience, I specialize in building scalable, high-traffic applications that deliver accessible and seamless user experiences. I excel at tackling complex challenges, mentoring teams, and delivering innovative solutions that exceed expectations.

PROFESSIONAL EXPERIENCE

Revenue Solutions, Inc. (RSI)

Remote

Principal Software Engineer and Technical Lead

Dec 2023 – Present

- Led a cross-functional team of 5-8 software and QA engineers in the development of the Online Services platform using React, Typescript, Next.js, GraphQL, and C#/.NET microservices deployed in Azure. Consistently delivered on or ahead of schedule, leading to the creation of a fully functioning, production-ready application.
- Optimized UI development efficiency across multiple products by establishing linting rules, reusable design patterns, and component usage guidelines. Accelerated UI feature development and reduced inconsistencies, ensuring a cohesive user experience.
- Championed change for elevated overall engineering standards as part of the Center of Excellence team, implementing best coding practices, pull request workflows, branch policies, and testing protocols. Reduced bugs, enhanced maintainability, and cut new developer ramp-up time by 20% with improved onboarding documentation.
- Enhanced product reliability by increasing test coverage by 40%, integrating automated testing and validation into the development workflow with tools like Jest, React Testing Library, and Storybook. Delivered more stable, high-quality releases with fewer post-deployment issues.
- Refined user stories into clear, actionable requirements while proactively resolving technical roadblocks during critical development phases. Minimized delays and accelerated project progress, keeping development cycles smooth and efficient.
- Led accessibility and WCAG compliance efforts, teaching developers how to correctly integrate accessibility features and contributing to VPAT authoring. Improved product inclusivity and adherence to accessibility standards across multiple products.

Civitas Learning

Chico, CA and Remote

Senior Software Engineer

Sep 2017 – Oct 2023

- Led UI development for the Student Experience team of five developers, maintaining and upgrading scalable, accessible web applications using React, TypeScript, GraphQL, C#/.NET, and AWS, serving over 6 million higher education students while ensuring high availability, improved engagement, and usability.
- Architected, developed, and deployed a new student degree planning application with React, TypeScript, GraphQL, Kotlin, Java, Node.js, and PostgreSQL, expanding market reach by 20% and creating new revenue opportunities.
- Migrated a legacy Backbone application to React, ensuring WCAG accessibility compliance and reducing maintenance costs by 25% by de-duplicating code and improving scalability and maintainability.
- Achieved UI consistency across applications by implementing Material UI and custom components, enhancing user experience, and streamlining development workflows.
- Drove accessibility initiatives by defining standards, mentoring developers, and contributing to VPAT authoring and WCAG 2.1 compliance, ensuring inclusive user experiences and legal compliance.

- Implemented CI/CD pipelines and automated testing strategies, leveraging Storybook, Chromatic, Sentry, Jest, Enzyme, and React Testing Library, reducing UI bugs and increasing release confidence.
- Gained hands-on experience in AWS deployments, issue tracking with CloudWatch, and infrastructure management with Terraform, improving system reliability and scalability.

EXL Service (Formerly Landacorp)

Chico, CA

Software Developer II

Jan 2012 – Sep 2017

- Developed and maintained end-to-end web applications for health insurance providers, working across the back-end (Oracle, Java, C#, ASP.NET) and front-end (JavaScript, TypeScript, Angular) while analyzing requirements, writing technical documentation, and implementing manual/automated testing, ensuring robust, compliant, and scalable solutions.
- Led complex, high-impact projects, overseeing task allocation, mentoring junior developers, and meeting deadlines, which resulted in faster project delivery and improved team efficiency.
- Championed modernization efforts by migrating legacy systems and UI components to Angular and TypeScript, enhancing performance, maintainability, and user experience while reducing bugs and standardizing the tech stack.
- Spearheaded the adoption of JIRA, Confluence, and Bitbucket, replacing legacy systems to enhance communication, transparency, and collaboration across cross-functional teams.
- Managed third-party integrations, including messaging systems and replacing an embedded BI solution, ensuring regulatory compliance and seamless system interoperability.
- Optimized database queries and indexing in Oracle, leading to notable performance improvements, faster load times, and increased system responsiveness.

EDUCATION

California State University, Chico

Dec 2011

BS - Computer Information Systems, Minors - Computer Science and Business Administration

TECHNICAL SKILLS

Front-End: JavaScript, TypeScript, React (CRA & Next.js), Angular, jQuery, Bootstrap, Redux, Apollo, react-query, Babel, Webpack, CSS (including LESS, Emotion CSS, CSS Modules, and Styled-Components), Material Design & UI, ASP.NET Web Forms

API: GraphQL, ExpressJS, REST, SOAP

Back-End: C# & .NET, .NET Core, Entity Framework, Node.js, Java, Kotlin, Spring Boot, Spring Cloud

Databases: Oracle, PostgreSQL, MS SQL Server, MySQL, Prisma, Redis, Cosmos DB

Testing & Code Quality: Junit, NUnit, Jasmine, Jest, Enzyme, React Testing Library, Storybook, Chromatic, ESLint, Husky, Prettier, SonarQube

DevOps: CI/CD, Jenkins, Bamboo, GitHub Actions, Terraform

Monitoring: Google Analytics, Mixpanel, Sentry, CloudWatch, Grafana, New Relic, Azure App Insights