

Woodland Schultze

Full-Stack Software Development Engineer

Meticulous, self-driven, and constantly striving to surpass expectations.

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Skills

TypeScript	JavaScript	React	Next.js	GraphQL	PostgreSQL	Tailwind CSS
Python	HTML	Redux	Node.js	Express	REST	SASS
Git	ES6+	VSCode	Django	MongoDB	GCP	Apollo

Experience

Software Engineer | Self-Employed | Willits, CA (Remote)

2017-Present

Developed, maintained, and optimized highly responsive and cross-browser-compatible web applications using multiple technology stacks, ensuring high performance and scalability with superb client experience.

User Engagement

Doubled user conversion rates, as reported by Google Analytics, by utilizing the Google Maps API to create data-rich, interactive interfaces styled with SASS modules and modern design principles.

Site Performance Optimization

Improved page load times by 30% (Lighthouse) by migrating key features to Redux for efficient state management, resulting in faster, more responsive apps and streamlined debugging.

SEO & Accessibility

Achieved top SEO scores and accessibility through Semantic HTML, and adherence to W3C/WCAG standards, delivering responsive, mobile-friendly pages for all users.

Development Acceleration

Streamlined project setup time by 50%, using modular React components, custom hooks, and boilerplate repositories, driving faster delivery and enhancing the developer experience.

Security Fortification

Elevated Qualys SSL ratings from B to A+ by configuring Cloudflare's Full (Strict) SSL mode with DNS proxy and enhanced SSL/TLS settings, boosting site security and performance.

Codebase Refactoring

Eliminated site downtime and data type mismatches by converting JavaScript to TypeScript, enriching code stability, maintainability, and overall development environment reliability.

Uptime Assurance

Attained 99.9% site uptime by leveraging GCP and AWS for scalable resources, data storage, and security, ensuring dependable and high-performance application management.

API Development & Integration

Built and consumed RESTful APIs and GraphQL endpoints, enabling seamless data exchange between client-side applications and backend services, improving project integration capabilities.

Version Control & Collaboration

Employed Git for efficient version control, branching, and merging, ensuring a streamlined workflow in both solo and collaborative projects, minimizing conflicts and maintaining codebase integrity.

Preprocessing & Styling

Utilized SASS/SCSS, Tailwind, and CSS-in-JS for modular, maintainable, and responsive UI design; significantly reducing CSS redundancy and improving overall design consistency across applications.

Financial Trader | Self-Employed | Willits, CA (Remote)

2015-2024

Math and Science Teacher | Laytonville Unified School District | Laytonville, CA

2014-2015

Education

Teacher Credentialing Program | Dominican University of California | Ukiah, CA

2014-2015

B.A. Mathematics | Humboldt State University | Arcata, CA

2008-2013

The most challenging solutions are often intuitively obvious to the casual observer.