

Alice Carasco

Software Engineer

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Portland, OR, USA

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Senior Full Stack Software Engineer with 6+ years of experience developing innovative web and mobile applications, including mission-driven healthcare solutions. Expertise in React, Node.js, RESTful APIs, MySQL/PostgreSQL, and cloud-based middleware. Proven leadership in technical design, project delivery, and team mentorship. Passionate about building scalable and responsive systems that enhance digital health services.

Experience

Senior Software Engineer · Burkson · Tualatin, OR, USA

Jul '12 - Aug '21

- Developed and led complex web applications using React, Node.js, and TypeScript, focusing on scalability and performance.
- Created custom branded SCSS/CSS libraries and ensured consistent design across platforms.
- Led the redesign of a key user-facing application, increasing engagement and optimizing performance, using React and Node.js.
- Designed and maintained RESTful APIs in Node.js, improving scalability and integration across cloud-based middleware systems.
- Developed synchronization routines to reconcile live databases with new data from multiple vendors.
- Spearheaded internal test-driven development and implemented tests for key projects.
- Worked closely with product managers, subject matter experts, and designers to implement software solutions.
- Participated in code reviews to ensure code quality and adherence to coding standards.
- Conducted detailed demonstrations for business clients and managers.
- Optimized SQL queries for faster product searches and reduced load times.
- 10+ years of experience with C#
- Demonstrated strong time management by consistently meeting project deadlines

Freelance Software Engineer · Self Employed · Oregon, USA

Jul '21 - Present

- Developed and maintained web applications for healthcare and e-commerce clients, focusing on scalability and performance optimization.
- Provided technical leadership in refactoring legacy systems and migrating them to modern web technologies such as React and Node.js.

Mobile Application Developer · Oregon State University · Corvallis, OR, USA

Jul '11 - Jan '12

Education

Oregon State University | Bachelor of Science (BS)

Computer Science & Programming

Sep 2008 - June 2012

Projects

RideStyler API • www.ridestyler.com/products/api/ • Comprehensive Automotive Data and Integration Solution

Contributed significantly to the complete rewrite of the RideStyler API, developed in C# as a .NET Web API. Collaborated under the leadership of Shawn Lehner, the original code base author. Developed key features, including a comprehensive vehicle catalog, detailed wheel and tire data, and real-time pricing and inventory access. Integrated dynamic visualization tools and ensured seamless supplier system integration. Enhanced eCommerce platforms with reliable performance, robust support, and industry-standard security measures.

RideStyler UI • burkson.github.io/ridestyler.ui/ • Branded CSS Library for Seamless Design Integration

Developed the RideStyler UI, a branded CSS library for the RideStyler ecosystem, from scratch using Node.js and SASS. Implemented continuous integration to ensure efficient and timely updates to the library and its documentation. This project provided a cohesive and consistent design framework across the RideStyler platform.

RideStyler Visualizer • www.ridestyler.com/products/visualizer/ • Enhanced Vue-Based Automotive Shopping Tool

Rebuilt a client-facing visualization tool using systems like React, optimizing performance and reducing maintenance time. This overhaul enabled the addition of new features, reduced debugging time, and facilitated easier client onboarding. The improved Visualizer supports real-time pricing and inventory, supplier integration, and a lead-generation system, significantly enhancing customer engagement and conversion rates.

RideStyler eCommerce • www.ridestyler.com/products/ecommerce/ • Innovative and Optimized Automotive Retail Platform

Original developer of the RideStyler eCommerce platform, built on a heavily modified version of nopCommerce using custom dependency injection libraries in C#. Developed a syncing framework to keep the site up-to-date with products, pricing, and stock from RideStyler, later adopted system-wide. Integrated extensive site functionality and optimized SQL queries for faster product searches and reduced load times, significantly enhancing the user experience and operational efficiency.

Skills

HTML5 · AJAX · APIs · JSON · LESS · SASS · REST · UI/UX · Web Services · PHP · Node.js · OpenAPI · MySQL · Mobile-first Web Development · React.js · Jest · AWS · Docker · Cloud-Based Middleware · CI/CD