

Chris Wales

9050 Double R. Blvd. #1522
Reno, Nevada 89521

(617) 485-8378
qwales1@gmail.com

Summary:

Five years of experience architecting, developing, and maintaining web applications. Passionate about the web platform and open source technologies. Highly analytical individual with strong communication skills.

Current Technology Stack:

Frontend: *Javascript, React.js, VueJS, Backbone.js, HTML5, CSS/SASS, Webpack, Gulp*

Backend: *Node.js, Laravel 5, MySQL, SlimPHP, Firebase, Redis, Apache, Nginx, Linux (Ubuntu and CentOS)*

Infrastructure: *Rackspace Cloud and AWS Cloud*



<https://www.github.com/qwales1>

Professional Experience:

Software Development Lead

Hawkin Dynamics, Portland, ME

January 2016 - Current

Work Performed:

- Developed the web frontend for an athlete management system using React. The application provides team administrators the ability to organizing their athletes into testing groups and track their athletes' performance using the company's proprietary motion analysis equipment. The data is stored in Firebase and the web frontend provides real-time monitoring of tests in progress as well as the ability to compare performance over time
- Developed a service in Node that processes the raw data from the motion analysis equipment
- Developed custom dashboard for the Ontario Hockey League 2017 Combine
- Developed a diagnostics tool for monitoring and calibrating the motion analysis tool.

Freelance - Web Developer

ACE Running, Wilmington, DE

September 2016 - Current

Work Performed:

- Developed an application for Physical Therapists to build and perform patient assessments using Laravel and Vue
- Integrated application with their proprietary 3D Motion Capture software

Lead Web Developer

The Change Companies, Carson City, NV

August 2012 - October 2016

Key Achievements:

- Scaled infrastructure and applications to handle 1250% increase in users over four years
- Standardized and automated testing and deployment strategies for all web properties
- Migrated company's websites and applications to the Rackspace Cloud with zero downtime
- Refactored legacy applications into smaller, more maintainable components

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Work Performed:

- ❑ Architected, developed, and currently maintain an e-commerce and learning management system that is responsible for handling the sale and access to the company's online training offerings. Key pieces of this application's architecture include a REST API built on SlimPHP and a customer facing Backbone.js SPA that allows training administrators to invite, track, and manage users. The training content is served by a Node proxy that authenticates requests to a private Rackspace object store. Redis is used to share application state between the PHP application and the Node proxy.
- ❑ Architected, developed, and maintained a REST API built on top of Express that provides data to all company applications and websites
- ❑ Developed and maintained an administrator dashboard that is used internally to manage content on the company's 8 web properties
- ❑ Architected, developed and maintained an event management application that handles online registration, scheduling, and awarding certificate/continuing education credits for live training events. Built on Express, with a React admin dashboard for trainers to manage their roster and approve and generate certificates. The backend uses PhantomJS to create PDFs and emails them to training participants.
- ❑ Developed and maintained a Backbone.js application that is used by the Sales department to view and manage online orders
- ❑ Evaluate viability of software-related business opportunities for company leadership

Freelance - Web Developer

SJ Marketing, Incline Village, NV

August 2014 - January 2016

Work Performed:

- ❑ Custom Google Analytics implementations for the agency's clients
- ❑ CMS upgrades/redesigns to numerous Lake Tahoe area business websites

Director of Show Planning & Analysis

PoshTV (Luxury Ventures LLC.) Reno, Nevada

November 2010 - August 2011

Work Performed:

- ❑ Managed day to day operations of the Show Planning department
- ❑ Effectively managed team of 3 Merchandise Planners and 4 Merchandise Assistants
- ❑ Responsible for 112 live hours and 56 taped hours of programming per week
- ❑ Collaborated with software development team to design applications for Merchandise Planners
- ❑ Implemented process for data collection and analysis of sales and inventory
- ❑ Designed and prepared reports and presentations to assist other department heads with strategic decisions
- ❑ Created post show analysis process to identify underperforming show schedules and took appropriate corrective actions

Examples of work:

<https://hawkindynamics.com>

<https://runningace.com>

<https://www.changecompanies.net>

<https://www.trainforchange.net>

<https://www.changeu.net>

<https://learnwithace.com>

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Education:

Truckee Meadows Community College – Reno, Nevada
Web Development Certificate, 2011

Brown College – Mendota Heights, Minnesota
Associate of Applied Science in Television Production, 2006