

Ross Olson

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☆ Skills and Knowledge

- Front-end web development with JavaScript (ES6, TypeScript)
- Frameworks including Angular (v2+), React (v16+), jQuery, and Bootstrap
- Foundational progressive enhancement methods and accessibility (A11Y) techniques
- Back-end development with Node, Python, Perl, using SQL DB servers
- CI/CD deployment pipelines and tooling for local and cloud (AWS) environments

- Program and project team management with direct client interaction
- Web project estimation, planning, development and design
- Usability, User Experience (UX), Information Architecture (IA)
- User interface design for responsive and mobile contexts
- Workflow process improvement through documentation and automation

☆ Highlighted Projects

Data Visualization Development, Nike

I supported the Advanced Reporting and Information Architecture (ARIA) group within Nike's Product Engine Support (PES) department. By integrating Tableau's desktop-based software with JavaScript and visualization libraries like D3, our team opened up new visualization capabilities for Product Line Manufacturing and a variety of product management and accounting teams.

Next Generation Content Management, Opus Events

I developed a site construction toolbox for the rapid creation of the dozens of sites that are delivered monthly. The project reduced task times by 50% to 90%. The tools facilitated collaboration between developers and used a well-commented framework that was easily maintained and customized. JavaScript was used as an automation tool to accelerate the development process at an ever-increasing rate of productivity. The system also reduced on-boarding training times from 6 months to 3 weeks.

☆ Professional Experience

Senior Software Engineer, Nike (Global Technology/Nike Direct Engineering)

January 2019 to present, Beaverton, Oregon

Web engineering on a custom tool for managing product data. Front-end development using React + Redux and Jest with an AWS backend and data access via GraphQL. Reliably delivered end-user value on a 2-week cadence. Focusing on UX / UI aspects, while providing mentorship to other team members. Founded and joined initiatives to improve accessibility of internal tools and to promote shared code libraries to improve project delivery speed, code quality and security.

Lead Software Engineer, CloudBolt Software

July 2018 to January 2019, Portland, Oregon

Front-end web development delivering a cloud management appliance with Web and API interfaces, using a Python/Django backend. Reliably delivered end-user value on a 2-week cadence. Directed UX/UI efforts along with other leadership staff, coordinating with Sales and Marketing departments. Began UX Center of Excellence team.

Senior Front-end Web Developer, DAT Solutions

July 2017 to July 2018, Beaverton, Oregon

Front-end web development for multiple teams and contexts. As a senior developer I was supporting a variety of legacy and greenfield projects, all of which are the premiere tools in the trucking industry. The

projects were delivered with Angular 2.0+ or pure JavaScript libraries in responsive layouts and configurations. Back-end data culled from a variety of legacy and Node-backed APIs. Consistently praised for the clarity of code and documentation produced.

User Experience Developer, Nike

August 2015 to July 2017, Beaverton, Oregon

Front-end web development for multiple successful projects. Working in a true Agile environment, my team delivered advanced web applications, on time and under budget. The projects were delivered with React and Redux JavaScript libraries in highly responsive layouts and configurations. Data was pulled from Node-based microservice APIs hosted through AWS. Special recognition was received for efforts in helping employees document their activities and learning in a sharable library of knowledge.

Technical Consultant

March 2013 to August 2015

Provided a wide variety of skills in support of web design and development agencies including Turtledove Clemens (turtledove.com), Copious Creative, We Got That, and OpenSourcery, as well as individual clients like Bay Area Refrigeration (BARrefrigeration.com) and NAVEX Global (navexglobal.com). I reviewed the pre-existing platforms and tools, developing short- and long-term plans to improve the development and deployment environments while maintaining ongoing e-commerce and communication operations.

- Python, PHP coding with MySQL databases to maintain and extend websites
- Design, layout and SEO efforts for branding and UI design improvements
- Front-end design with Zeplin, Photoshop, HTML5, CSS3 and JavaScript
- Implementation of continuous integration environment
- CDN, dedicated and cloud hosting and LAN configuration
- Dealt with budgets, contracted resources, and remote teams
- Improved system documentation
- Video editing with After Effects and DVD mastering

Technical Production Lead, Opus Events Agency

March 2014 to November 2014, Beaverton, Oregon

Production Lead and team management for dozens of microsites to support corporate events worldwide. Using an in-house platform (Microsoft stack) to spec, design, code, QA, and support web sites with custom components for attendee registration, payment, scheduling and reporting.

- Projects ranging from \$20,000 to \$1,000,000+
- Coordinating teams of designers and developers, *often in real-time support of events*
- See Highlighted Projects section above for details.

Sr. Web Architect & Web Team Lead, Planar Systems

October 2005 to April 2013, Beaverton, Oregon

Responsible for all public web and internet communications for an international corporation with \$300 million/year revenue. Management of primary planar.com web site along with a dozen satellite sites. Initiated and managed a complete overhaul and transition of out-of-date tools and architecture to a new standards-compliant modern code base with localization, advanced server technology and infrastructure with Akamai CDN. Responsible for project schedules, budgets, and employee evaluation and management. Tools included Windows/IIS/MS SQL production environment; HTML/CSS/JavaScript with ASP, PHP and Python; project management and documentation with MS Office suite; Photoshop and Illustrator for design projects, Final Cut Pro and Motion for video projects. Provided direct support to brand overhaul in 2007.

As Web Team Lead I managed employees and contractors in a variety of projects including the redevelopment of web sites; the design and development of 14 sub-brand specific sites (in 5 languages); implementation of marketing automation tools (Marketo, Eloqua, custom); deployment of SEO and PPC efforts using Google AdWords, Google Analytics and WebTrends; and creation of a Salesforce-backed partner portal with Python. I built an e-commerce site to support our customer service group and provided guidance and training on use of SharePoint.

As Senior Web Architect I scoped and directed the technical systems that supported our internally hosted sites, including the use of proxy servers and Akamai content acceleration services. I maintained a legacy CMS and fortified it against potential breakage while exploring new platforms. I reviewed security reports and implemented intrusion prevention procedures.

Instructor, Portland State University

July 1999 to January 2013, Portland, Oregon

Instruction and curriculum creation of internet design and development courses. Primary class was *Producing Digital Media*, the capstone course for both the Design and Producer tracks. The class involved creating web sites for live clients in Wordpress, Drupal, ExpressionEngine and custom CMS tools. Other classes included *Introduction to Web Graphics*, focusing on Photoshop, Illustrator, Dreamweaver and other Adobe products. Trained students in use of project management tools such as Basecamp and other hosted services.

Production Manager & Web Producer, Hot Pepper Studios

April 2001 to October 2005, Portland, Oregon

Management of a wide variety of digital media projects for Web, print and film. Creation and development of web sites for company clients and internal resources. Produced voice-over tracks, Director-based CD-ROM presentations, and Web sites for Portland General Electric, PBS, Intuit, Reser's, PacifiCorp, Reebok, Mentor Graphics, among others. Responsible for schedules, budgets, and client communication. Tools used included LAMP/MAMP stack environments; HTML/CSS/JavaScript with PHP; project management and documentation with MS Office suite.

Project Manager & Lead Web Developer, Exact Interactive

February 1999 to March 2001, Portland, Oregon

Managed projects and developed websites for a startup interactive communications firm. Created and implemented entire process of project management and development for all portions of the company's projects. Created and developed websites for company clients and for internal resources. Clients included Nikon, NorPac, Portland Advertising Federation, and many dot-com ventures. Tools used included LAMP/MAMP stack environments; HTML/CSS/JavaScript with PHP and Perl; project management and documentation with MS Office suite.

Web Resource Developer, Oregon Museum of Science and Industry

July 1997 to January 1999, Portland, Oregon

Developed web versions of all new floor exhibits. These sites supported the exhibits as they traveled nationally. Worked with inter-museum team of educational web developers via the Science Learning Network. Re-designed and developed primary web site www.oms.edu. Developed, designed, tested and presented educational resources for teachers and students. Tools used included LAMP stack environment; HTML/CSS/JavaScript with Perl; project management and documentation with MS Office suite.

Web Developer & Network Administrator, The New Group

November 1996 to May 1997, Portland, Oregon

Responsible for conception, design, development and management of corporate web site. Additional responsibilities included technical support for hardware, software, and network. Responsible for all network servers; recommended, purchased, and installed software and hardware upgrades. Coordinated, scheduled, and supervised consultants. Implemented staff training.

Graphic Artist, Webmaster & Web Developer, Creative Multimedia

September 1994 to November 1996, Portland, Oregon

Planned, designed, developed and managed corporate web site. Implemented all artwork, text, and multimedia pieces to showcase Creative Multimedia's consumer CD-ROM products. Charged with a technical support role for all other web developers. Assisted lead graphic designers and art directors in all stages of multimedia development including media acquisition, organization, and production. Scanned, corrected, and prepared images for CD-ROM titles including *Dr. Ruth's Encyclopedia of Sex*, and *Blockbuster's Guide to Film and Video*.

☆ Additional Skills and Knowledge

- Adobe Photoshop, Illustrator and other design and video editing applications
- Salesforce (CRM) and Content Management System (CMS) Design and Administration
- Writing and copy editing skills
- Classroom instruction and coursework design
- Variety of office applications including SharePoint and Salesforce
- Basic competency in American Sign Language