Jonathan K. McQuade

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Front End App Development and Web CMS Production

Mentorships, Community Involvement, Consulting

Oct 2017 – August 2018

Daily Learning: *Udemy* classes for Advanced Frontend development using JavaScript/ES6 NodeJS libraries, Docker. Studying for AWS Developer and Architect certifications in September '18. Technology demonstrations, developer community feedback, repository contributions. Dockerizing the world. WebPack wizardry and Continuous Delivery pipelines in Azure and Heroku.

 "Open Source DevOps Boilerplate and React UI demonstrations"

Latest http://cube.jonmcquade.com Repo https://github.com/jonmcquade/rubix-demos

"C# .NET Core Flight Check SPA with Isomorphism, React, TypeScript" (hackathon)

http://flights.jonmcquade.com

https://github.com/jonmcquade/aspnetcore-react-redux

"Docker NodeJS CRON Task Runner"
https://github.com/jonmcquade/scheduler

Founder, Cloud Application Services Engineer

June 2016 – July 2017

Business Intelligence Solutions, Transformations, Operations, Retrospectives and Mentorships

BiStorm, LLC is a publicly funded services, content and solutions provider in Tacoma, WA, bolstering our technically and talent-affirming partners through social and life-enriching mediums.

Projects have included a multi-stream variable-quality DVR for television over wifi (Jan 2017), an open source Social Media icon font library (May 2017), a Facebook Live event-based science fiction read-along (November 2016).

React Native/Expo boilerplate (incomplete): https://github.com/BiStormLLC/aba-data

Creative Commons Web SVG font library: https://github.com/BiStormLLC/icons

BiStorm Bug*LE WordPress Blog: https://github.com/BiStormLLC/blog

Sep 2008 – March 2016	**Web Content Producer II, Internet Developer III, Senior Internet Developer**

World Vision US, Internet Business Unit
Humanitarian NGO Marketing and Support Offices

Million dollar eCommerce replatforming (JSP to Magento), Three full CMS migrations with several years of public documents (Drupal 6 & 7), Single Page Application Development with dynamic inventory searches, Cross-Domain RESTful SOAP APIs, interactive marketing landing pages, enhanced UI engagements for concerts and live events, B2B with Oracle CRM tools, Enterprise SLAs and cross-team Agile software integrations development. Knowledge expert with consistent evaluations higher than my peers. Project Manager's best friend.

Interactive Single Page Applications

Single-Page interactive product display pages including live services for querying inventory records to search and sponsor children through checkout. Conversion funnel analytics implementation. Used jQuery, HTML5, AJAX, PHP RESTFul Service API, proxy networking, cross-team collaboration with Operations team to construct rich, performant, tested experiences for multiple donor personas across list segments.

Continuous Delivery and Integration Across Multiple Properties

Agile software development (two-week sprints), with up to six domain platforms requiring updates and code deployments every other week. Developed and maintained jQuery AJAX library for front-end communications with XML SOAP services stack, to communicate with Oracle database over multiple domains, proxies and firewalls. Developer of cross-site cookie Drupal module for SOA gateway session handling. Rich media content delivery over CDN, reverse proxies and Varnish caches.

Senior manager of code deployment

One of a few personnel with authorization to run builds through Confluence Bamboo, GitHub and internal deployment/staging servers. Developed several build scripts and deployment plans used internally and by vendors, based on SCRUM workflows. Managed DevOps code libraries to make daily development more efficient and testable.

Lead Developer, Child Greeting Video Project

Developed front-end JavaScript and CSS/LESS/SASS libraries for displaying videos of sponsored children alongside their birthday, education, age and other meta data provided through services I assisted in developing or enhancing. Created video callback mechanisms for retrofitting our analytics package's data collection inside of a third-party player. Helped increased sponsorships by 5% year over year.

Solutions Architect

Worked closely with software architects on projects I would later code on my own, based on requirements gathered during meetings.

Wrote ross-domain HTML/CSS/JS Site Navigation Web service provided through Apache/PHP and cached globally through Akamai CDN. Experience with Redis and Reverse Proxies.

Senior Developer on-site for eCommerce migration from JSP/Drupal to Magento, building of custom modules and libraries to integrate with existing Oracle backend transaction services behind firewall

Quality Assurance

Responsible for management of code repositories and builds to production. Presented requests to Operations team when releases required approval. Onboarding of developer team to BDD using Behat and better documentation standards with JavaDoc.

Web Forms

Engaged in design meetings and collaborated on the development of *World Vision UI Kit*, instituted across the organization. Creation and implementation of SVG libraries and responsive design requirements using CSS Media Queries. jQuery and Angular1 form creation. CMS library integrations for email subscribers and notifications. Device detection to redirect to mobile platform. Mobile Web Forms for framing in Native apps.

Campaign Operations

A/B Split testing using Adobe Cloud. On-call code debugging, analytics reporting and log file investigations. Google analytics, Adobe analytics, and several internal tools operated to support corporate campaigns and departments through link generation, cookies and session handling, landing page authorship, deployment and monitoring.

Adopted Technologies

Models: MySQL, Oracle Forms, NotesScript

Views: HTML5/CSS/JavaScript (jQuery, ReactJS, NodeJS), LESS/SASS, Rails, Composer, Grunt, Gulp, Yeo, AS3

Controllers: ASP.NET, JSP, PHP5 (scripted and OOP), XML Web Services, SOAP, JSON/P

Provisioning and Scripting: Shell, Python, Nginx/Apache, Redis

CMS and eCommerce: Magento, Drupal 6 and 7

2005 – 2006, 2007–2008

Web Content Producer

World Vision US through Volt Technical Group

HTML Email composition, Homepage development, database management, Lotus Notes, Photoshop, HTML/JavaScript/CSS, Flash/ActionScript, FTP/Resource Management.

2003 – 2005

Universal Customer Service Agent

Microsoft Customer Service Developer Support through Volt Technical Group

Initial routing contact for enterprise and LATAM customers, afterhours.

Obtained certifications as .NET Applications Developer and Desktop Support Technician.

Documentation, standardization, research, technical writing, application support, customer routing.

2000-2003 **.Com Intern and Barista**
Starbucks, Seattle

HTML Email composition, ASP3, SQL, Release Management, Bug Resolution, Source Control (SourceSafe), Photoshop, corporate fellowship and responsibility.

Education *Associates of Applied Sciences*
Highline College, 2002

Interactive Media program. Introduction to software development, production, storytelling, illustration and graphic design.

Associates of Arts
Highline College, 2000

General studies. Graduated with AA before receiving high school diploma through WA state Running Start program.

Accolades
- WA Promise Scholarship, 2000
- Federal Way Public Schools PTA Academic Scholarship, 2000
- "DSP Quick Wins" award, World Vision US, for assistance in migrating digitally watermarked child images securely to Amazon Web Services.
- Certificate of team membership and success in "Child Greeting Video" project, World Vision US.
- Eagle Scout, Boy Scouts of America