

Daryl Walsh

Full-Stack Application & Front End
Developer with DevOps experience

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QUALIFICATIONS

front-end

Javascript TypeScript HTML CSS Tailwind jQuery SASS Bootstrap Emotion Bulma
CSS-in-JS React Spring

frameworks

React React Native React Hooks Redux GraphQL Vue Node Next.js Gatsby Express
Angular

ui design

Adobe Creative Suite (Photoshop, Illustrator, XD) Sketch Figma Abstract Moqups GIMP
Balsamiq

middleware

Node Spring Boot Python/Flask Phoenix PHP Ruby on Rails

testing

Jest Playwright RTL Cypress Cucumber Karma Protractor Puppeteer Chai Mocha
Selenium

scripting

Elixir Python Go Shell Scripting

database

Postgres MySQL/MariaDB SQL Server Oracle MongoDB Redis TinkerPop

devop technologies

Ansible Docker Docker Compose/Swarm Kubernetes Helm Git Postman Terraform
Travis-ci Circleci Jenkins Linux (CentOS/RedHat, Debian/Ubuntu, Arch)

cloud

Amazon Web Services (AWS) Google Cloud Platform (GCP) Digital Ocean (DO) IBM Cloud
Amplify Serverless

EXPERIENCE

Nexient LLC

December 2019–November 2022

Role – Senior Developer - React Vue Java

Consultant working directly with clients, including Williams-Sonoma, Levi's and PG&E (see details of each below)

Nexient -- Williams-Sonoma

January 2021–September 2022

Role – Senior Developer - Vue React Java

Developed multiple features for WSI's various ecommerce sites and apps: fabric swatch guide, related products components, pricing component, accessibility and general enhancements and maintenance of the WSI product micro-frontend

- Worked as part of a team dedicated to the product micro-frontend component of WSI's web properties
- Front-end code in VueJS

- Front-end written in HTML, Tailwind CSS and Javascript based Vue.
- Spring Boot REST API
- Unit tests written in Jest and JUnit, end to end testing via Playwright
- The transition of the back-end from pre-Spring Java to Spring Boot and the front-end to a micro-frontend architecture created various day to day development challenges
- Internal application to manage microfront end app development written in React
- Mentored newer developers and assisted with overcoming the challenges presented by the transitioning development environments

Nexient -- Levi's

June 2020–December 2020

Role - Senior Developer - React Native Vue GraphQL

Developed Curbside Pickup, Find Online Buy-in-Store and Shop-By-App additions to Levi's ecommerce experience

- Worked as part of a large team spread across internal Levi's developers and outside consultants
- Front-end code for ecommerce component written in VueJS
- Vue front-end connected to Levi's internal back-end systems via GraphQL instance
- Front-end written in HTML, CSS and Javascript based Vue.
- Middleware API written in GraphQL
- Particular challenges included internationalization as Levi's deployed the functionality in more than a dozen nations
- In addition to working on Levi's ecommerce site, worked on an internal to Levi's supply-chain product-design and sales/marketing application, converted from Vue to React Native.

Nexient -- PG&E

January 2020–June 2020

Role - Senior Developer - React React Native Expo AWS

- Front-end app code in React/React Native
- Front-end app written in HTML, Tailwind CSS and Javascript based React/React Native.
- Developed Safety Infrastructure Protection Team (SIPT) application for iPad and desktop to allow PG&E field workers to schedule and complete work assignments.
- Worked with a team of 7 to take project from conception through design and development to deployment in production
- Front-end app code in React/React Native via ejected Expo
- React front-end app deployed to AWS, responsible for creating and maintaining AWS pipeline
- Front-end app written in HTML, CSS and Javascript based React/React Native.
- Middleware API written in Java (Spring Boot), hosted on premise at PG&E.
- SIPT Fieldworker application in production in time for Summer 2020 fire season and still in use today.

ExamBuilder

June 2018–November 2019 remote

Role - Developer - Contract

Developed updated version of ExamBuilder's exam building application which is used by companies such as UBS, Microsoft, Medtronic to build, administer and track exams given to employees.

- Worked with another developer to formulate a Ruby on Rails REST style framework (no code generation, only for organizing code).
- Divided actual building of application with 2nd developer so each developer was responsible for all aspects (front-end and back-end/full-stack development) of their part of the application.
- Calls to Oracle database were made to stored procedures via REST interface
- RESTful Interface used to deliver data to front-end and to validate and write data to Oracle database.
- Front-end written in HTML, CSS and Javascript based React.
- ExamBuilder application in production for more than a decade prior to our update. We completed a comprehensive update and our code is currently in service to companies in the

U.S., Canada, Europe and Asia.

Avanzado

February 2017–May 2018 Michigan

Developed and maintained web and intranet applications for printing industry clients.

Also designed and developed Ansible based process to migrate hosting from on-premise to cloud.

React.js, Bootstrap, Express, Node.js, GIT, HTML/HTML 5, CSS/CSS3, Responsive Design, Ansible

ADMI

June 2015–November 2016 Michigan

Developed extranet applications to interface with external clients and allow client self-service/data retrieval for auto industry clients.

Node, React, GIT, HTML, CSS, Bootstrap, Responsive Design, Oracle

Blue Cross Blue Shield of Michigan

October 2014–May 2015

Lead developer on a project to build an internal application to facilitate internal application development, approval and source control at Blue Cross and Blue Shield of Michigan in downtown Detroit.

Angular.js, SQL Server, Bootstrap, SASS, ColdFusion, Express, Node.js, Jasmine, bower, grunt, GIT, HTML/HTML 5, CSS/CSS3, Responsive Design, Ajax

dotomi

June 2014–December 2014 Illinois

Contract Web Developer for an external, responsive Client Access Portal built in angular.js, node.js, Express, MongoDB.

Using Protractor for automated end to end testing and Karma for unit testing.

The CAP (Client Access Portal) project served as a model application for development using the MEAN platform with automated testing.

Angular.js, MongoDB, Express, Node.js, Protractor, Karma, Jasmine, bower, grunt, HTML/HTML 5, CSS/CSS3, Responsive Design, Ajax

Discovery Communications

April 2013–June 2014 Illinois

Contract Web Developer for various projects including:

<http://stem.discoveryeducation.com/>

<http://www.toyotateendriver.com/>

<http://educationstation.discoveryeducation.com/>

<http://www.discoveryeducation.com/>

plus additional sites.

Highlights included:

Convert Education Station to a responsive design using Foundation

Convert Toyota Teen Driver to a responsive Drupal site.

Implemented Angular.js forms on various sites.

Implemented require.js to optimize on-demand javascript loading

Set up video delivery using node.js and HTML5

Set up a 'Golden Ticket' contest, including all database and front-end development.

jQuery, Javascript, Angular.js, require.js, HTML/HTML 5, CSS/CSS3, jQuery Mobile, Foundation, Bootstrap, Ajax, Flash, PHP, CFM, Ajax

G7W Enterprises

June 2013–March 2013 Illinois

Implemented Responsys email marketing campaign and tied it into a SQL Server back-end via Responsys SOAP API:

- Connected a travel site database containing over a million registered users.

Set up Google Analytics and related reports via Google's API.

- Set up Google Analytics tracking and reports for an ecommerce website.

Chicago Sun-Times

January 2011-January 2013 Illinois

Senior Developer for various projects including:

Generally responsible for maintenance and new development for all Chicago Sun-Times properties, desktop/mobile/tablet:

- Chicago Sun-Times
- 32 Pioneer Press Suburban papers
- 8 Suburban Daily paper
- Chicago Reader
- The Daily Splash
- Season Pass (High School sports site)

Highlights included:

- Re-skin all Pioneer Press Publications;
- Implemented a pay wall for the Sun-Times;
- Implemented interstitial ads for the Sun-Times;
- Implementing social media log-in and connected it to the back-end CMS throughout Sun-Times online properties, including desktop, iPad and Android/iOS handheld devices
- Set up streaming video using node.js and HTML5
- Mentored newer developers

HTML/HTML 5, CSS/CSS3, jQuery, Ajax, Flash, PHP, Ruby on Rails, Python/PERL, JSP, CFM, Ajax and Cache

Sears Holdings Corporation

June 2010 - November 2010 Illinois

Contract Web Developer for various projects including:

completing a rewrite of sears.com consumer-facing e-commerce site to integrate social media into the user's shopping experience, optimize CSS/HTML;

responsible for maintenance and updates of in-production applications via jira ticket system.

Ajax, HTML, CSS, jQuery, HTML 5, Python, Proprietary CMS

Chicago Tribune Media

November 2009 - May 2010 Illinois

Contract Web Developer working on various Tribune Company media properties

including developing a Flash/Flex Facebook application for the NCAA March

Madness tournament as well as maintaining in production applications.

Utilized jQuery, Prototype, CSS, xHTML, Ruby on Rails, PHP, JSP

Ajax, HTML, CSS, jQuery, RoR, PHP, JSP

Alcatel-Lucent

December 2008- November 2009 Illinois

Key developer on the CARES 10 project, worked on feature upgrades from technical design to coding and development to UAT and deployment.

JavaScript/jQuery, ColdFusion, CSS, HTML, AJAX, Selenium, CFM, Oracle, JSP

PEPSICO Chicago (Quaker-Tropicana-Gatorade)

December 2007-November 2008 Illinois

Role - Developer Contract

- Maintained and upgraded PEPSICO's core Supply Chain Replenishment (SCR) application which combined a web-based front-end with an Oracle 9i/10g database.

Additional responsibilities:

- Maintained PepsiCo's shipping application CODA (HTML/CSS/js with an Oracle back-end)
- Provided support for a jsp Documentum application.

JavaScript/jQuery, ColdFusion, CSS, HTML, AJAX, Selenium, CFM, Oracle, JSP

Nerdwerx-JJCamper

Independent Contract 2007 Illinois

Role - Web Developer - Contract

- Developed public site for recreational vehicle sales and storage;
- Developed administration application to allow updating of site content and product inventory; admin application also allows management of sales leads and RV storage rental. Public site allows secured processing of storage payments.

ColdFusion, Model-Glue, CFAJAX, CSS, HTML, SQL SERVER 2000

AARP

Independent contract 2007 Illinois

Role - Web Developer -Contract

Developed reporting system for new AARP ecommerce site, including over 30 reports on sales, keyword searches and site use. Also performed customization, upgrades and maintenance to ColdFusion based ecommerce package.

Chicago Humanities Festival

Independent Contract 2006 remote

Role - Web Developer -Contract

- Lead ColdFusion Developer on project to create 2006 version of the Chicago Humanities Festival Website in ColdFusion and SQL SERVER.

JavaScript/jQuery, CSS, HTML, AJAX, CFM, SQL Server

Eshots, Inc

Independent Contract 2006 remote

Key Deliverables - Convert Eshots event manager application from one database back-end to another. • Convert an application written in CFMX with a MYSQL back-end database to an updated SQL Server database structure.

- Program user-interface enhancements in AJAX and CFML
- Update XML scripts for loading Eshots primary product to its central server.
- Worked directly at the client site
- 90% new development, 10% maintenance

MySQL, ColdFusion, JavaScript, HTML, AJAX

Lightology, Inc

November 2003 - February 2006 Illinois

Role -Lead Developer for Lightology.com

Key Deliverables:

--Maintain legacy Lightology e-commerce site and related Intranet and Project Manager Applications and convert site and applications to Lightology's new ERP system.

Full Lifecycle Application Development, Application Maintenance

- Maintain and upgrade Lightology's existing Web, Intranet and Project Manager applications
- Convert Lightology's existing Web, Intranet and Project Manager applications from one ERP back-end to another.
- 80% new development, 20% maintenance

SQL Server, Progress, ColdFusion, Java, JavaScript, HTML, AJAX, Flash

Discover Financial Services

August 2003-November 2003 Illinois

Key Deliverables -- Developing enhancements and providing support for a learning management system.

Full Lifecycle Application Development, Application Maintenance

- Convert an application written in ColdFusion 5.0 to a Flash front end with ColdFusion.
- Program user-interface enhancements in Flash and ColdFusion
- Working directly at the client site on a team of four people
- 70% new development, 30% maintenance

SQL Server, ColdFusion, Flash, JavaScript, HTML

AMD Industries

January 2003 to August 2003 Illinois

Key Deliverables - <http://www.amdpop.com>, System Conversion to Web-based Portal, Full Lifecycle Application Development, Application Maintenance

- Converted AMD's legacy VB/SQL Server 2000 Ordering/Shipping system to a Web-based portal using ColdFusion MX/SQL Server 2002
- Also added the ability for AMD's customers to place orders via the Web, view Order status and generate custom Excel reports
- Order status and generate custom Excel reports
- Programmed user-interface enhancements in JavaScript and Flash
- Worked directly with the client on a team of two people
- Responsible for full lifecycle of the application: Design, Coding, Testing,
- Worked directly with the client on a team of two people
- Responsible for full lifecycle of the application: Design, Coding, Testing, Debugging, Implementation, User Training
- 90% new development, 10% maintenance

SQL Server 2000, ColdFusion MX, Visual Basic, Flash, JavaScript, HTML

Liquidprint

February 2001 to December 2002 Illinois

Role - Web Application Developer

Key Deliverables - Web Site Application Development / Maintenance, Database Design / Development, ColdFusion/ASP Coding, Client Communications, Full Lifecycle Development

Responsible for the development of applications for numerous client web sites and intranets, which typically use CFM, ASP, JSP, SQL Server (7.0/2000) for development

Worked solo or on teams ranging from 2 to 6 people

Functioned as the database designer/developer and ColdFusion/ASP Coder back-end with occasional front-end responsibilities

Frequent client interaction

Full Lifecycle Development as well as code maintenance (50/50)

<http://www.grossinger.com>

Programmed entire site, including content management portion

- Fusebox site
- Does daily inventory imports using XML into SQL Server

<http://www.hometouch.com/>

- Intranet---Extensive Leads Management System for Buyer Representatives
- Utilized XML to share Buyer lead data among various back-end systems
- Fusebox Application

<http://www.fsboillinois.com>

- Programmed entire site, including back-end to allow client to update site
- Fusebox site

<http://www.portcement.org/>

- Responsible for maintenance of this ASP site
- ASP and SQL Server

<http://www.prufoxroach.com/pfrpublic/>

- Programmed SOAP calls using XML
- Oracle database and ASP.Net site

Additional projects worked on include: <http://www.gmacrealestate.com/>


<http://www.performancebike.com/> , <http://www.carlsonre.com/>

SQL Server (7.0/2000), CFM, ASP, XML, JavaScript, Flash, Oracle, Access, HTML, ActionScript, CFC's

EDUCATION

Masters Business Information Systems (BIS)

Michigan State University
Bachelor of Arts
Alma College

 github.com/darylwalsh/darylresume