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Top Skills

jQuery

XML

C#

Richard D'Alfonso

Senior Software Engineer at H-E-B Digital
Austin, Texas, United States

Summary

Senior Software Engineer: Website and software development across front-end, back-end, and cloud-based stacks.

- Front-end experience with React, NextJS, TypeScript, GraphQL, ES6.
- Back-end development using .Net Core, C#, WebAPI, SQL Server, SQL
- Experience with AWS Services (S3, Elastic Search, Gateway API, Lambda)
- Experience with pipelines and cloud-based deployment technologies (Azure Pipelines, Terraform, Docker, CircleCI)
- Member of multiple Agile/TDD/Continuous Delivery teams (Sprints, pointing, code reviews)

Experience

H-E-B

Senior Software Engineer

September 2022 - Present (2 years 11 months)

Texas, United States

InVision

Senior Software Engineer

April 2022 - July 2022 (4 months)

Remote

Senior Software Engineer handling front-end architecture and feature requests for Freehand collaboration software's Figma/AdobeXD add-ons. <https://work.invisionapp.com/>

- Worked with design, QA, and product teams to implement new front-end features and discuss UI/UX issues (React 16+, Freehand, CSS, styled-components).
- Engineered processes for integrating and synching 3rd party service data into the Freehand collaboration tool..

- Worked with backend teams to discuss performance issues across API layer (Go/Golang, AWS, docker).
- Provided feedback for design team to improve shared components across design and development (React, StoryBook, TailWind CSS)
- Responsible for deployment and production stability of feature launches (Loggly, Codeship, Pagerduty)
- Held periodic design demos to flush out edge cases and functionality requirements.

CoStar Group

Senior Full Stack Engineer

April 2019 - April 2022 (3 years 1 month)

Austin, Texas Area

Senior Full Stack Engineer responsible for website development and infrastructure support for CoStar Group Land portfolio (www.land.com, www.landwatch.com, www.landandfarm.com)

- Team leader on refactor of stand-alone, legacy website (www.landwatch.com) into an existing platform with focus on code reduction, reusable components, and server-side rendering improvements (React, Typescript, SSR, .NET WebAPI, ElasticSearch, webpack).
- Worked with design and product teams to implement new features and discuss UI/UX issues (Zeplin, responsive design, React, C#, SASS).
- Refactored multiple Web API calls into single request to improve architecture, site speed, and reduce size of JavaScript bundle sent to browser. (C#, SSR, React, Akamai)
- Developed scheduled tasks to migrate documents from on-premise servers into AWS S3. (C#, S3, SQL Server, Dapper).
- Migrated 12 years of analytics data from SQL to ElasticSearch and built API to query aggregations on customer facing dashboard (ElasticSearch, Kibana, Terraform, C#).
- Helped debug legacy codebase (www.landandfarm.com) for bugs and maintenance (Windows services, .NET MVC, JQuery)
- Helped improved various Azure DevOps Pipelines using Powershell, SQL, Terraform.
- Collaborated with the QA team for troubleshooting, refining acceptance criteria, and helped code automated tests (Selenium, React Test Renderer, BrowserStack).
- Engaged customer service team to handle emergency bugs, data cleanup, or server health (PagerDuty, JIRA, CloudWatch, Remote Desktop).

Self-employed Full Stack Engineer

Full Stack Engineer

June 2017 - June 2019 (2 years 1 month)

Austin, Texas Area

Development work for various clients.

Investis / ZOG Digital (October 2018 - Present)

- Software Engineer for corporate site redesign. (SASS, CSS Grids, Javascript, jQuery, Drupal, Sketch)
- Gathered UI and design requirements from Sketch files.
- Build custom components for Drupal website using CSS Grids and SASS.
- Debugging and Browser support testing with BrowserStack and virtual box.

Meowtel.com (March 2018 - Present)

- Lead front-end developer for site redesign. (React, Javascript, ES6, SASS, Webpack, Flexbox)
- Worked with off-shore team (Poznań, Poland) for API integrations, deployment support, and process improvements (Ngix, webpack, tree shaking, GIT workflows, DeployBot, AWS)
- Responsive design improvements and testing on mobile devices (CSS, SASS, media queries)
- Migration from bootstrap to CSS Grids and flexbox
- Managed junior developers for training, best practices, and project management.

Mediamorphosisinc.com (Ongoing)

- Ongoing feature work as required by client (Wordpress, PHP, mySQL, SASS, HTML5)

RhythmOne (Perk.com)

Full Stack Engineer

January 2016 - March 2017 (1 year 3 months)

Austin, Texas Area

(NPM, Node, Angular, Typescript 2.0, Javascript ES5/ES6, PHP, Larevel, WebPack, HTML5/CSS3, CircleCI, Github)

- Responsible for front-end architecture and development of Perk.com/Perk.tv website portfolio (NPM, Node, Angular, Typescript 2.0, Javascript ES5/ES6, WebPack, HTML5/CSS3).
- Made improvements to deployment process (Tree shaking, NPM, linting, CircleCI, Deploybot, Webpack)

- Implemented solutions for website optimizations (modularization, SystemJS, Lodash, CloudFlare, HTML LocalStorage)
- Developed unit, integration, and end-to-end testing across codebase (Protractor, Jasmine, Karma, Javascript, Istanbul)
- Worked closely with offshore development team (Bangalore, India) for code reviews, process improvements, and planning.
- Implemented and troubleshooting advertising network implementations.
- Researched and made recommendations for emerging technologies (HTML LocalStorage, ReactJS, core.js, Webpack 2.0)

XO Group Inc.

Senior Software Engineer

September 2014 - December 2015 (1 year 4 months)

Austin, Texas Area

(C#, MVC, Elasticsearch, NServiceBus, Javascript, Node, ReactJS, Docker, AWS)

* Senior Software Engineer responsible for architecture, development, and testing process for service-oriented architecture supporting XO Group's back-end systems.

* Developed daily technical solutions for vendor support and enterprise architecture on TheKnot.com (C#, MVC, Web API, NServiceBus).

* Assisted with development/architecture for migration of technical stack from .NET/ DDD-centric design to micro-services using (Node.js/Javascript/ Docker/AWS/RabbitMQ/Postgres).

* Implemented RESTful architecture across SOA environment.

* Researched frontend frameworks and Node middleware (React, Angular, Hapi).

* Researched deployment process to Amazon AWS (AWS/SNS/Docker containers).

* Participated in Agile/Continuous Delivery process (sprints, stand-up, pointing, code reviews).

* Developed unit, integration, and E2E tests within TDD environment (mocks, spies, stubs, jasmine, sinon).

- * Made improvements to Jenkins deployment pipeline (Powershell, Linux).

Multimedia Games

Software Engineer

April 2012 - June 2014 (2 years 3 months)

Austin, Texas Area

(ASP.NET 4.0, NUnit, Selenium, AutoIT, JSON, XSLT, LINQ, JQuery, SQL Server 2008)

- * Lead re-architecture of TournEvent® web platform from .NET form controls to MVC framework.

- * Helped implement SignalR framework for data and UI concurrency requirements. (C#, Javascript, SignalR, MVC).

- * Architected and developed Selenium UI testing process. (C#, Selenium ChromeDriver, AutoIT)

- * Helped implement Twitter Bootstrap 3.0/CSS3 for mobile responsive design.

- * Did functionality and responsive design testing on Tablets, iPad, and smartphones.

- * Led push for UnitTesting development across business logic layer as initial step in TestDrivenDevelopment. Wrote 200+ tests across Data Access and Business layers.

- * Developed Windows PowerShell Administrative scripts for system debugging and analytics.

- * Research and development for software installation process. (WIX, C#, Powershell).

EverydayHealth Inc

Senior Systems Engineer

September 2006 - December 2011 (5 years 4 months)

Greater New York City Area

- Senior Software Engineer responsible for the development, maintenance, and architecture of reusable and extensible applications for Everyday Health Inc online healthcare network.

- Helped develop award-winning* video symptom-checker application, www.everydayhealth.com/symptom-checker (*Best Interactive Initiative for Consumers, MM&M Awards 2010).
- Gathered business requirements and lead development for SEM test platform (2.5 M monthly visits). www.everydayhealth.com/info/v1/cancer. (ASP.NET MVC, jQuery, Lucene) .
- The success of SEM platform forced the overhaul of existing Microsoft Fast technology® with proprietary search platform. (ASP.NET MVC, jQuery, Lucene) which generated \$12M in Google/Yahoo text ad revenue for 2010.
- Technical manager for the integration of \$12 million investment of www.medpagetoday.com into existing software platform.
- Technical lead and management of web analytics standardization and implementation (Adobe Omniture) across 22 online brands. Developed Q/A testing processes and spearheaded training efforts across 20 person team.
- Developed standard enterprise platform for advertisement delivery. (C#, XPath, XML, understanding of DoubleClick and CollectiveMedia advertisement delivery networks).
- Programming lead and database migration of 1,000,000+ user site www.my-calorie-counter.com into the Everyday Health Inc. (C#, SQL Server, ASP classic, SEO).
- Management experience of in-house and off-shore development teams (Synechron Technology Pvt., Kharadi, India, Luxoft inc).

Agency.com

Web Developer

September 2004 - September 2006 (2 years 1 month)

- Responsible for the development and maintenance of all internal corporate systems. (C#, Asp classic, XML, XSL, SQL packages)
- Managed off-shore development team to build web 2.0- based company Intranet. (C#, AJAX, ATLAS framework, Javascript, RSS 2.0, CSS)
- Developed data access layer of web 2.0- based Intranet (Web services, C#, XML, SQL SERVER)
- Developed server-side scripts and integrated SMS system for British Airway's award-winning "Go With Those Who Know"® online media campaign.
- Developing server-side code for WTC Memorial Fundraising campaign. (PHP, XML, mySQL)
- Experience writing change-control and Sarbanes/Oxley documentation.
- Management experience of off-shore development team (Synechron Technology Pvt., Kharadi, India).

Advance Publications Inc.

Classifieds Technical Developer

March 2002 - August 2004 (2 years 6 months)

Jersey City, New Jersey

Oversaw and maintained Unix systems to automate processing and insertion of Classifieds listings into multiple database systems.

Develop new Internet tools using XML, XSLT, Perl, and HTML to improve our process flow.

Create & support Unix Perl scripts to format various data feeds from many sources for insertion into our Classifieds Oracle databases.

Support four online sites: al.com, nj.com, silive.com, and pennlive.com using HTML, CSS and Perl.

Developed new features and sections for our 12 news sites.

Spider Partners

Web Developer

August 1999 - August 2001 (2 years 1 month)

Interactive Media

Junior Cold Fusion/ASP programmer on multiple interactive projects for Fortune 1000 companies.

Worked with clients directly on strategy and Q/A.

In less than one year, salary increased from \$35,000 to \$60,000

Clients included: ABC, MTV, Fleer/Skybox, USTA among others.

Education

New York University

CAS, International Politics · (1996 - 2001)