Ross Tollefson

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 https://github.com/past9

About Me

Software engineer with 4 years experience in object-oriented design, web development (front and back end), and single-page applications. Seeking full-time permanent employment or contract work.

Technical skills include JavaScript, .NET (C#, Web API), SQL Server, MySQL, HTML5, CSS3, Bootstrap 3, AngularJS, jQuery, PHP5, Rust, REST APIs, Event Sourcing, CQRS, Domain Driven Design, Object-oriented design, Git, Team Foundation Server, VIM, Visual Studio, Linux (Ubuntu), Windows.

Employment

Freight Systems International (Apr 2014 - Nov 2015)

Rewrote a DotNetNuke application from scratch using a C#/Web API backend and an AngularJS SPA frontend. Engineered Web API to efficiently utilize legacy database using in-memory caching and efficient SQL queries and stored procedures. Site was formerly IE8-only but new version works on all modern browsers, including IE8+. Implemented a new feature into the application using Event Sourcing, CQRS, and Domain Driven Design principles. Utilized clean separation of Web API, domain model, data transer objects, and user interface throughout.

Took a large set of IE8-only JavaScript/HTML tools on a customer-facing website and made them compatible with all modern browsers, including IE8+, without changing appearance or functionality.

FreemanWhite (Feb 2013 - Dec 2013)

Implemented a Content Management System from scratch. Due to its extensible/plugin architecture, it to now serves as a platform for an internal application used for employee training, as well as a small conference signup application. Backend is built with MySQL and PHP5 with MVC architecture, frontend is built with HTML5, CSS3, and jQuery.

Freelance web developer (Jan 2012 - Dec 2013)

Self-employed for two years as a freelance software developer working mainly with PHP5, HTML5, CSS3, jQuery, and MySQL.

Notable projects include:

- VehicleExam.com (Jun 2012 - Dec 2013)

  Website for a mobile vehicle inspection company. Includes tools for customers to purchase (via PayPal) and schedule inspections, and for company owner to assign them to inspectors based on location. Inspectors can complete inspections using an online form and then send the results to the customers.

- DonorNation (Sep 2012 - Mar 2013)

  Analytics tool intended to help the Duke University Development Office find alumni from which to solicit donations. Tool displayed a node graph representation of personal relationships between approximately 200,000 Duke alumni using SigmaJS. Graph could be interactively explored by Development Office employees in order to determine who were the most valuable potential donors.

References

References are available upon request.