Ignacio Andrés Fuentes

Basic Info

Place of Birth	:	Caracas, Venezuela
Language	:	Spanish (native), English
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Experience

Viitru

April 2011 - Present

Caracas, Miranda, Venezuela.

Software Architect

It is my responsibility to do the necessary research (followed by training my coworkers) on the technologies we use to build our application. As a software architect I made the important choices of developing using the Microsoft stack with the addition of many open source .net products. Specifically, ASP.NET MVC and WEB API, MS SQL Server, Entity Framework, Automapper, Ninject, Nuget, jquery, KnockoutJS, Twitter Bootstrap and Appharbor. I am also responsible of structuring our app (solution) in a way that we can keep a sane separation of concerns without losing focus on the importance of shipping our product in a timely fashion.

TuColegionline

March 2010 – April 2011

Caracas, Miranda, Venezuela.

Co-Founder/Developer

A partner and I co-founded TuColegionline.com which is a school management system targeting Venezuelan schools. My role was to build the software from a backend perspective. We developed it using Ruby on Rails and many ruby oriented open source projects. This company has now been renamed to Akdemia since my leaving.

Ramar Consultores

May 2009 – September 2009

Caracas, Miranda, Venezuela.

Software Analyst.

This was an internship position. I developed a mobile project management web application for a client that needed a custom solution to keep track of many construction projects. This web application was developed using PHP and the CodeIgniter MVC framework.

Education

University : Systems Engineering. Universidad Metropolitana (2005-2011), Caracas, Venezuela.

Skills, Qualifications, and Design Patterns

In web software development it is paramount to keep track of several types of technologies to actually be able to build complete and compelling software. This includes both front-end and back-end technologies. Throughout the last few years, I have developed experience with a myriad of .Net back-end technologies such as ASP.NET MVC, ASP.NET WEB API (Rest, HTTP), C#, Entity Framework, Linq-To-Sql, SQL Server 2008, AutoMapper, Ninject, MSTest, NUnit and Specflow. I have also had the chance to work with several open source back-end technologies like Ruby-On-Rails, Active Record, RSpec, Cucumber, PHP, CodeIgniter, MySQL and PostgreSQL. Added to this, I have developed moderate experience using several front-end technologies, including but not limited to HTML5, Javascript, CSS, jQuery, Knockout.JS, Backbone.JS, JSRender, Twitter Bootsrap and jQuery UI.

For backend development I try to keep a clean separation of concerns using (whenever is prudent) a *Domain Driven Design* (using Eric Evans book as reference) along with MVC (Restful if possible) as a delivery mechanism. I like to build software using TDD and BDD, making sure my tests have good code coverage.

For front-end development I favor clean HTML markup with unobtrusive javascript. For complex UIs I tend to follow the *MVVM (Model-View-ViewModel)* pattern recommended by the Knockout.JS Javascript framework, with the addition of following a Revealing Module Pattern to structure my code.

For collaborative development environments I have experience with Git, Github, SCRUM and PivotalTracker.