## Raif Harik

4600 Guadalupe St #B113

Austin Tx, 78751

(512) 228-6069

reharik@gmail.com

**OBJECTIVE:** Find a team of talented and innovative developers working for a great company that believes in building quality software using the best, most efficient practices.

#### QUALIFICATIONS

I am a web application developer experienced in the full life cycle of software development. I prefer working in a team environment but am comfortable working on my own. I am constantly assimilating the latest changes in the .Net space, both proprietary and open source. I have a great deal of experience using Generics, Lamdas, funcs and actions, Expression Trees and Linq.

#### TECHNICAL EXPERTISE

* Languages: .Net(1.1,2.0,3.5), C#, ASP.NET, ADO.NET, JavaScript, JQuery, HTML, CSS, SQL, JSON, XML, XSLT
* Database: Microsoft SQL Server (2000 and 2005), Oracle 11g
* Web Server: IIS (6.0 and 7.0)
* SCM Environment: SVN, CVS, Vault, and GIT ( a little bit )
* ORM: NHibernate, FluentNHibernate, Linq2Sql
* IOC Container: Structuremap
* Testing Technologies: NUnit, QUnit, RhinoMocks, Selenium RC, StoryTeller, some FIT
* Scripting and CI: Nant, MSBuild, Community Server, Team City, some Ruby Rake
* Code Gen: CodeSmith, T4, rolled my own
* Favorite Helpers: Resharper, FireBug, Reflector, Visual SVN, TestDriven.Net

#### WORK EXPERIENCE

***February 2010 to Present, vConstruct, Austin Tx***

#### Building a Client Application for Data Migration Engine

#### Using Asp.Net MVC

#### Created intelligent html builders that rendered proper elements based on type of binding property

#### Used a Domain Driven Design for the Application Entities

#### Used TDD for all functionality

#### Leveraged Design Patterns to facilitate extensibility and modification

* jQuery
* Used various standard plugins ( Validation, Forms, Template etc )
* Built advanced OO Javascript modules for handling returning ajax requests and numerous other tasks
* Built functionality both in C# and Javascript for using jqGrid ( a wonderful datagrid like ui element )
* Used qUnit for testing of javascript
* WebServices
* Because client application was built on top of Data Migration engine I interacted with engine via WebServices
* We did this because we wanted to maintain a usable api for third parties to utilize the Engine's services
* I Used AutoMapper to map the WebService objects to the domain objects used in the client application
* Mentored other team members on Design Patterns, TDD, MVC, and other skills necessary to work with the application

***October 2009 to February 2010, Springbox, Austin Tx***

#### Building Dell's "Take your own path" social networking site

* Extending Community Server 5.0
* Created new objects and corresponding data tables.
* Linked these new objects to the out of the box functionality of Community Server Via SQLCommonDataProvider
* Built new widgets that were able to access these new objects
* Extended existing widgets for use with new objects and functionality.
* Rounded out social networking for the site with non Community Server components

***April 2009 to September 2009, BedAndBreakfast.Com, Austin Tx***

#### Worked on E-Commerce site with very high traffic

* Refactored large number of huge legacy classes
* Removed very tight coupling with Data Access (Strongly Typed Datasets)
* Put Data Access in Repository classes
* Removed Non Domain Object specific logic From Domain Objects and put in Service classes or elsewhere
* Introduced TDD and Unit Testing.
* Introduced Microsoft MVC and NHibernate/FluentNHibernate
* **Rebuilt Checkout Workflow for Site**
* This is the main revenue path for the site
* Landing page receives ~ 1 million hits per month
* Used MS MVC and TDD for whole project
* Totally Redesigned Architecturally
* Built in extensibility via polymorphism and other SOLID principles
* Built pricing engine for different payment methods
* Used XVal + Castle validation framework to draw validation rules all the way from the Domain to the View

***September 2008 to April 2009, Dovetail Software, Austin Tx***

#### Worked with three leading members of the international .Net community on a green field CRM project

* Team used Agile and Lean methodology
* Utilized a Kanban Board to manage project workflow
* Used TDD, BDD, and DDD, testing and design disciplines
* **Major Technologies used on project**
  + MVC
    - We started With Asp.Net MVC
    - Had to modify it extensively
    - We dropped Asp.Net MVC completely
    - Created custom MVC Platform
  + JQuery and Json
    - Used JQuery proper
    - Customized and submitted patches for existing plugins
    - Extensive use of Ajax through JQuery
  + NHibernate and FluentNHibernate
    - Members of my team actually created Fluent NHibernate
  + StructureMap
    - Used for both dependency injection and custom containers for configuration and registration of different components
    - Jeremy Miller was on the team so of course we use structure map extensively

**Testing Frameworks used on project**

NUnit for Unit tests and Integration tests

Used testing base classes judiciously to help keep DRY but were wary of undue complexity

Used an InMemory Repository to help with Unit Tests

Used Rhino Mocks when necessary

Qunit for testing JQuery scripts

StoryTeller for end to end testing

StoryTeller is Jeremy Millers answer to FIT.

Uses Selenium RC browser automation to drive the browser

Consists of tests written in xml which reference custom classes and methods called grammars which then drive the Selenium browser automation

**Continuous Integration Used**

JetBrains TeamCity for CI

Configured multiple builds for both CI and Deployment to Virtual Servers

Used both Ruby Gems Rake and MSBuild scripts

Tortoise SVN for version control

Created console apps to automate other routine tasks such as localization, database generation and data seeding.