

# FERNANDO VILLARREAL

Full-Stack Developer

## Career Summary

Over 7 years of experience in software development, I have good knowledge of Back-end and Front-end techniques, TDD, Design Patterns and SOLID principles. I'm passionate about software architecture.

I'm from Monterrey, México: "the city of mountains". Dog lover and Packer fan since the Brett Favre days.

## Education

2016 - Present	<b>Universidad del Valle de México</b> Monterrey, N.L. Ing. Industrial y de Sistemas
2008 – 2011	<b>Universidad Autónoma de Nuevo León</b> Monterrey, N.L. Ing. Electrónica y Comunicaciones

## Skills

### Professional Skills

#### .Net

ASP.Net  
(asp-mvc-webapi-core)  
WinForms (MVVM)  
WPF (MVVM)  
Xamarin Forms

#### Databases

MS SQL  
MySQL  
Mongo DB  
Postgre Sql  
Firebird

#### PHP

Laravel 5.X

#### 3<sup>rd</sup> Party Controls

Infragistics  
Telerik  
DevExpress

#### Web Servers

IIS  
NodeJS  
Apache

#### Javascript

React  
Angular2x  
MEAN  
(mongo-express-angular-node)

#### Version Control

Git  
Svn

#### Cloud Services

Miscrosoft Azure  
Heroku

### Address

Everest 603  
Valle de Cumbres, C.P. 66035  
García, Nuevo León

### Contact

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### Links

Linkedin  
<https://www.linkedin.com/in/fervillarreal/>  
Github  
<https://github.com/fervillarreal>

### Website

<https://fervillarreal.github.io>

### Hackerrank

<https://www.hackerrank.com/fervillarreal>

## Experience

May 2011 - Present

### Lead Developer

Financiera Realidad S.A. de C.V. SOFOM E.N.R. Monterrey N.L.

#### Responsibilities:

- Architect full stack solutions for web development projects.
- Act as a technical lead on projects by overseeing development and testing tasks within the development team.
- Assist developers on technical tasks through mentoring, code reviews and trainings.
- Lead efforts to TDD.
- Maintain knowledge of latest trends in web development including emerging technologies and languages.
- Maintain and improve the performance of existing software (make and implement recommendations).
- Production Support of software.

**Technologies & tools:** .Net Framework & .Net Core, Asp.Net WebForms, MVC, Entity Framework, MS EntLib, Linq, WebApi2 (oAuth), Winforms (MVP Pattern), WFC, WPF, NUnit, Selenium, React.js, Angular5 (typescript), MEAN (MongoDB, Express, Angular, Node) Stack, Knockout.js (MVVM pattern), PHP (Laravel), Bootstrap, SQL Server, MySql

Sep 2008 – May 2011

### SysAdmin

Financiera Realidad S.A. de C.V. SOFOM E.N.R. Monterrey N.L.

#### Responsibilities:

- General Tech Support (printers, laptop, desktop, network, routers)
- Build small Winforms applications with ADO.net calls.
- Create Shell and .bat scripts for database backups.
- Some Excel Macros using Visual Basic.

**Technologies & tools:** Winforms (ADO.Net), VB Excel Macros, .bat Scripts, Shell Scripts, SQL Server.

Jan 2005 – Sep 2008

### SysAdmin

Salud Dental S.A. de C.V. (Imagen Dental), Monterrey, N.L.

#### Responsibilities:

- General Tech Support (printers, laptop, desktop, network, routers)
- Build small Winforms applications with ADO.net calls.
- Create Shell and .bat scripts for database backups.
- Some Excel Macros using Visual Basic.

**Technologies & tools:** Firebird, EMS