

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	Universidad del Valle de México Monterrey, N.L. Ing. Industrial y de Sistemas
2008 – 2011	Universidad Autónoma de Nuevo León 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

3rd 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

Tests

Selenium (WebDriver)
nUnit & xUnit

Address

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

Contact

Mobile 811-3787-067 Email fer.villarreal@gmail.com

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

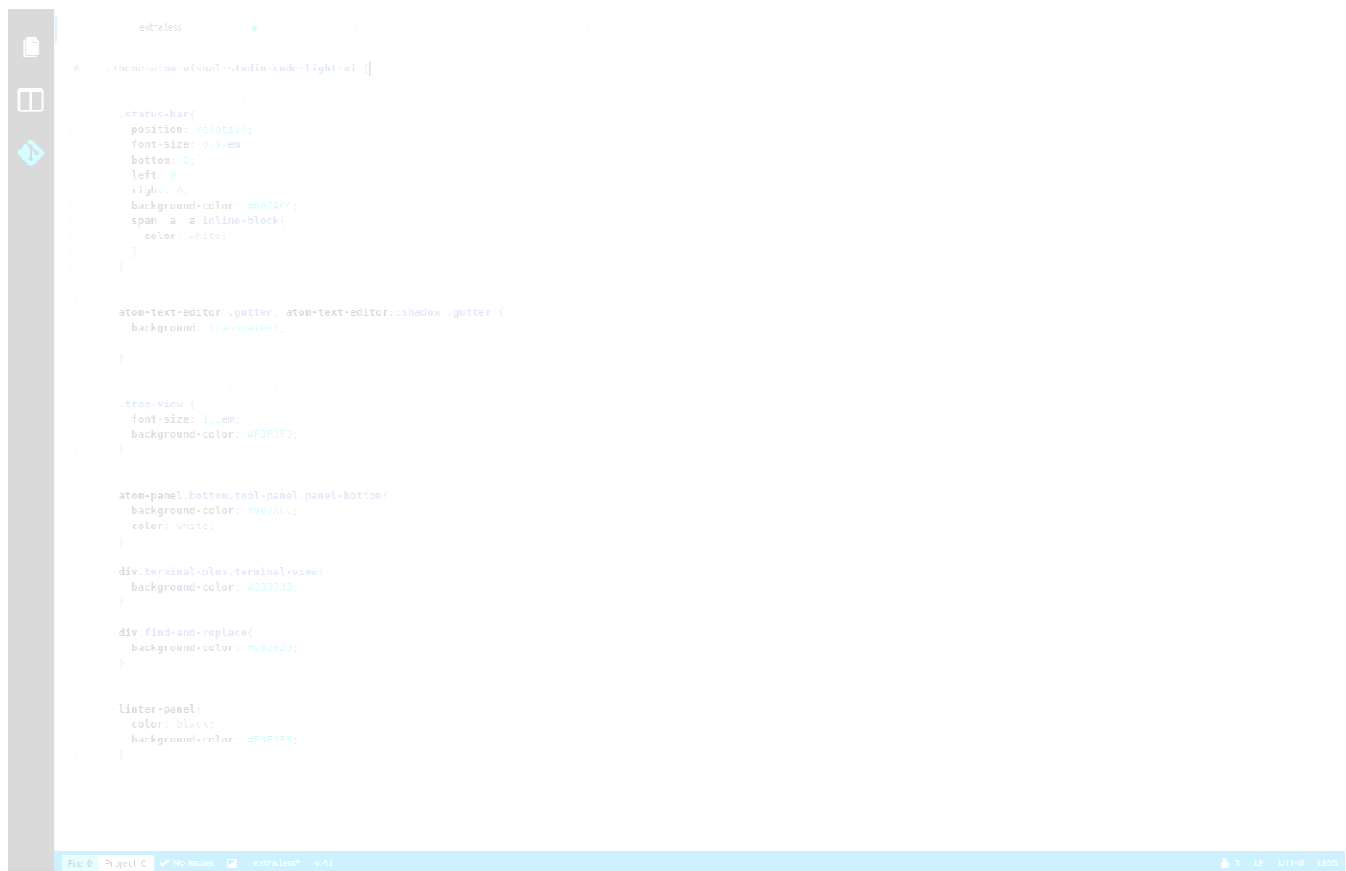
SysAdmin

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



The screenshot shows a code editor with a dark theme. The editor has a sidebar on the left with icons for files, a tree view, and a search icon. The main area displays CSS code for a theme named 'atom-visual-studio-code-light-wi'. The code includes styles for the status bar, text editor gutter, tree view, and various panels. The status bar is positioned at the bottom of the editor, showing the file name 'File 0', the project name 'Project C', and the current file 'extraless'. The status bar also displays the file encoding 'UTF-8' and the line and column numbers '1234'.

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2  
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5  
6 .theme-atom-visual-studio-code-light-wi {  
7  
8   /* Status Bar */  
9   .status-bar {  
10    position: relative;  
11    font-size: 0.9rem;  
12    bottom: 0;  
13    left: 0;  
14    right: 0;  
15    background-color: #007AFF;  
16    span & a inline-block {  
17      color: white;  
18    }  
19  }  
20  
21  /* Text Editor */  
22  atom-text-editor .gutter, atom-text-editor::shadow .gutter {  
23    background: transparent;  
24    background-image: none;  
25  }  
26  
27  /* Tree View */  
28  .tree-view {  
29    font-size: 1.1em;  
30    background-color: #F0F0F0;  
31  }  
32  
33  /* Panels */  
34  atom-panel-bottom .tool-panel .panel-bottom {  
35    background-color: #007AFF;  
36    color: white;  
37  }  
38  
39  div.terminal-plus .terminal-view {  
40    background-color: #333333;  
41  }  
42  
43  div.find-and-replace {  
44    background-color: #202020;  
45  }  
46  
47  /* Linter */  
48  .linter-panel {  
49    color: black;  
50    background-color: #FFFFFF;  
51  }  
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