

# Software Engineer

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## Profile

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More than 10 years doing the beautiful art of Software Development, I am a full-stack systems engineer, a self-taught person always looking for optimization, efficiency, edge-technologies, best practices for coding.

I feel with confidence on making an entire enterprise application, from the database to the CSS styles and I have a set of Reusable Modules with which I can perform your application in faster times.

## Career

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"Ingeniero en Sistemas Computacionales" at [Instituto Tecnológico de Ciudad Juárez](#)  
(With Cedula)

## Courses

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### Code School:

- Assembling Sass
- Fundamentals of Design
- Shapping up with AngularJS
- Accelerating Through Angular 2
- ES2015: The Shape of Javascript to Come
- Breaking the Ice With Regular Expressions

### Educacion IT:

- Java Standard Programming, J2SE 6.0 (40hs)
- Java Advanced Programming: Threads & Networking, J2SE 6.0 (18hs)
- Java Web: Servlets, JSP, JSTL, Struts & AJAX (30hs)
- UML y UP: Análisis y Diseño Orientado a Objetos (15hs)
- Java Web Services (12hs)
- Java HIBERNATE (21hs)
- Java Mobile (15hs)

## Books / Resources Read

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- Book: [AngularJS](#) (Brad Green & Shyam Seshadri)
- Book: [Sails.js in Action](#) (Mike McNeil, Irl Nathan)
- Book: [Mastering Ninject for Dependency Injection](#)
- Book: [Express in Action](#) (Evan Hahn)
- Book: [JavaScript Enlightenment](#) (Cody Lindley)
- Book: [Microsoft C#. Lenguaje y Aplicaciones](#)
- Book: [Thinking in Java](#) (Bruce Eckel)
- Resource: [w3schools.com](http://w3schools.com)

## Skills

(Where 100% is Expert)

### Front End

#### Programming Languages

Javascript 90%

#### Frameworks

AngularJS 90%

EnyoJS 90%

Mithril 70%

SailsJS 80%

Meteor 50%

#### Important Libraries

jQuery 95%

Socket.IO 80%

GreenSock 80%

#### Style

Sass 70%

Bootstrap 95%

Materialize 70%

### Theory

OOP 100%

Dependency Injection 90%

Functional Programming 90%

Relational Databases 95%

Responsive Design 90%

MVC Pattern 90%

Repository Pattern 90%

Async 90%

Real Time 70%

### Back End

#### Programming Languages

C# 80%

Java 80%

VBA 80%

#### Databases

SQL Server 80%

PostgreSQL 60%

MongoDB 50%

MS Access 95%

#### ORM

Entity Framework 90%

Hibernate 60%

#### Reporting

Reporting Services 85%

Jasper Reports 75%

#### CMS

Sharepoint SDK 80%

Wordpress 70%

#### Important Libraries

EPPlus 95%

### Tools

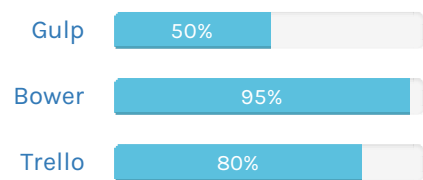
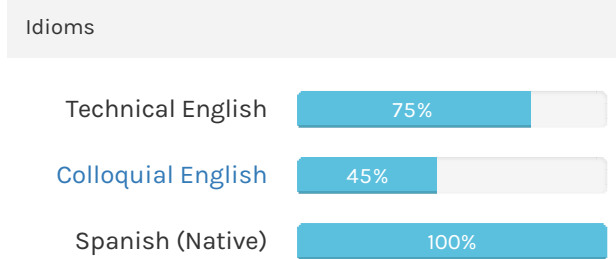
Git, GitHub 85%

Sublime Text 90%

Visual Studio 90%

Yeoman 80%

Grunt 80%



## Latest Projects

- 2016** **CMD** CMD stands for Capsonic Metrics Dashboard and it is a Dashboard where users can register and watch Company metrics. This is a SPA application made with AngularJS, .Net WebAPI, Entity Framework and Ninject.
- 2016** **BEXU** BEXU stands for Bulk Excel Files Update. This is a standalone "Windows Forms Application" by using Sharepoint SDK, Async and EPPlus to update a bulk of Excel files in Sharepoint.
- 2016** **IQS** Integrated Quotation System. It is a system for processing customer's requests for quotations, it calculates prices and finally responds back in a summarized letter.
- 2015** **APQM** Advanced Purchasing Quote Management. This is a system for submitting RFQs (Request for quotes) to vendors via email, and gather their responses, comparing multiple quotations, and allows selecting the best vendor based on delivery times and lower costs.
- 2014** **SISOPREGA** Sistema de Soporte al Proceso de Exportacion Ganadera. System for controlling the inventory and the operations flow for exporting/buying/selling livestock between Mexico and USA.

## About me

At my beginnings by 2005, I started with Visual Basic 6.0 where I learned the programming basics and I began loving to code, made a couple of systems, then I moved on into a more serious language, Java. I learned how to program object-oriented and reinforced my knowledge by taking some courses at Educacion IT.

Some friends and I made our own Company called Inspiracode, we did it for about 4 years, and we got failures and successes with several customers and the learning was of multiple kinds of aspects, from requirements gathering, deployments to windows/linux, our first SPA framework EnyoJS (from HP) by 2013, Enterprise applications with J2EE, source control with git, and many other things that I don't even remember.

Capsonic was my first employer as an official Software Developer, and this time I had to move to .Net technologies for Backend side, and jQuery and AngularJS for FrontEnd side and Real Time with Web Sockets.

Technology is growing rapidly and a programmer needs to be always up to date. It is a habit for me to spend one or two hours per day on learning new stuff regarding to code, technology and frameworks. I've been doing apps or tools to help me out in almost all my jobs, as well as making software independently on my free time.