

LUIS MONTEALEGRE - WEB DEVELOPER

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SUMMARY

I'm a **full-stack developer** and a programming **instructor**. I want to be surrounded by people who push me to do the best work of my career as well as people I can nurture and support. I have over **13 years of experience** in tech both in Mexico and the United States and I'm looking forward to be part of a team that values work-life balance, TDD, pair programming and code reviews.

PROGRAMMING LANGUAGES AND TOOLS

PHP	11 years	<ul style="list-style-type: none">• Laravel, Zend Framework 1, Symfony 1 & 2, Slim 2, Silex, Doctrine 1 & 2, PHPUnit, Behat, phpspec, Codeception• MySQL, PostgreSQL• jQuery, Jasmine, RequireJS, Bower, npm, Webpack, ES6, PhantomJS• Bootstrap, Sass• Vagrant, Docker• Git, SVN
C#	4 years	<ul style="list-style-type: none">• ASP.NET Web Forms, Visual Basic• jQuery, JQuery UI• SQL Server, Oracle PL/SQL• TFS
Java	2 years	<ul style="list-style-type: none">• Spring Boot, JUnit, Hibernate, DBUnit, Servlets, JSP/JSTL, Swing• Maven• MySQL, PostgreSQL

CERTIFICATIONS

Latinux Certified **Linux** Operator
Oracle Certified **Java** Programmer
MCTS Microsoft **SQL Server & Web Applications**

EDUCATION

B. S. and Master in Computer Science.
Emeritus Autonomous University of Puebla.
[1998-2003, 2003-2005]

OPEN SOURCE CONTRIBUTIONS AND COMMUNITY WORK

My contributions to open source projects include: [Drupal Console](#), [Codeception](#), [Eris](#) and [Couscous](#). I also maintain some libraries: [Modules System for Slim 2](#), [Doctrine DBAL Fixtures Generator](#) and a [Yelp Fusion API Java Client](#). I'm the founder an former organizer of the [PHP Puebla User Group](#). I helped organizing dozens of workshops and technical talks. I'm currently participating with the [San Antonio Coding Challenge](#) meetup. Last year I had the chance to attend "Uncle" Bob's Clean Code [workshop](#) in Austin TX. This year I'll attend the [Explore DDD Conference](#) in September.

PROFESSIONAL EXPERIENCE

Web development Instructor at Codeup [01/16 – current]

- As a lead instructor I introduce students to the practices and values to work effectively in teams, in order to present their first software product after 16 weeks of intensive training in Web development
- I teach the basics of CSS, HTML and Javascript, as well as some frameworks, libraries & tools like: Bootstrap, jQuery, npm, Webpack, Google maps, consuming APIs like **OpenWeather** with JS, the basics of relational databases with MySQL and either PHP/Laravel or Java/Spring Boot for the backend
- I also help making improvements to the Curriculum. My main contributions so far include the use of **pair programming** to solve medium/large exercises and the introduction of **code reviews** made by the students themselves for some other exercises. I also modified the way we teach **Git** and **Github** which is now something we deliver incrementally since day one, so they gain experience with collaboration tools like Github as soon as possible.

Web Developer at Inertia Interactive Media [05/15 – 12/15]

- Maintainer of a **Symfony 2** application that a sales team used to communicate with potential clients
- My main contribution was a feature that allowed the creation of a default sales package given the current state of a client in Salesforce. It also kept track of the updates after the package creation and sent the appropriate email notifications
- I used **Salesforce SOAP API** and their web hooks to update the web application database using **RabbitMQ**
- I also was in charge of deploying changes to the application, bug fixing, and general maintenance problems like: database cleanups, refactoring and the creation of automated tests

PHP developer at Digizent International [04/13 – 12/13]

- I collaborated with the team maintaining a **Symfony1** application to manage email campaigns for fundraising
- I was mainly in charge of a specific type of components that allowed users to easily customize common types of content
- The application used **Propel** and **MySQL** for the database, tests were written using **Lime**

.NET Developer at Ellucian (Sungard Higher Education) [01/09 – 04/13]

- I was part of the Advancement Solutions team. I worked on a product developed in **C#** and **VB**, which made heavy use of **Oracle PL/SQL** stored procedures
- I also helped modernizing some user interactions using **jQuery** and **jQuery UI** where previously no JS (changing iframes with dialogs for example) or vanilla JS was used (for some AJAX calls for instance)
- I proposed a change that would help the team in México to **localize** the application with less effort. It was not implemented due to time constraints, but that proposal brought me to the US for the first time

Java Consultant at BIC Consulting S. C. [12/10 – 06/11]

- During this period I worked maintaining the data access layer of a POS, (implemented as a desktop **Swing** application) using **Hibernate** and **PostgreSQL**
- I added some **integration tests** to this application layer using **JUnit**
- I also had the opportunity to **mentor** some Jr. consultants. I paired with them when time permitted it. I also helped them by reviewing their code

Java and PHP developer at Comisión Federal de Electricidad [08/05 – 01/06]

- I worked for the department Desarrollo e Innovación de Sistemas
- I developed a monitoring application for several customer service systems that were having problems with the versions between hardware and software
- The application was written in **Java**. It saved the status of the monitored applications and took decisions on who to inform about issues
- It had a reporting website in **PHP**. Its main goal was to analyze response times and most common issues among the systems

Independent PHP consultant [08/07 – 05/15]

- I led a small team who did contracting work for several companies
- Our major clients in **Puebla** were Sistemas Integrales de Cómputo Montellano (SICOM) and Sii Ayuda, among others
- In **México City** we worked for Indava and Mupcow mostly
- I also designed and lead the development of several applications with **ZF1**, **Slim** and **Silex**
- We also maintained several **Symfony2** applications and some **Wordpress** and **Joomla!** sites

TECHNICAL INSTRUCTION EXPERIENCE

I am currently working at Codeup in SA. TX. as a full-time instructor training entry-level full-stack developers in PHP or Java. Prior to Codeup I worked as a part-time lecturer in 10 universities in Puebla for **11 years**. I've lectured programming subjects to more than 65 groups, bachelor and master degree. I have successfully directed 4 thesis and published some papers, being the most relevant a chapter in the Lecture Notes in Computer Science Volume Number 4386, in 2007.