

Emiliano Martínez Luque

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EDUCATION *Engineer's Degree, Informatics Engineering (5 year degree)*
Universidad de Palermo, Buenos Aires, Argentina, August 2012
Specialization: Software Engineering and Computer Science
Premio Mejores Promedios 2009
Premio Banco Santander Rio Estimulo a la Investigación

AUTHOR *Packt Publishing* **Hands On Microservices in Go Video Course**
Work in progress, expected release date November 2018.
Course that teaches how to write, architect and scale Microservices in Go.

EXPERIENCE *Senior Software Engineer* October 2017 - Present
Mercado Libre
Helped design the architecture to be used department wide on future Go and Java projects by implementing Clean Architecture patterns.
Worked on implementing a GraphQL proxy to all core APIs to be used by the middle end layer (API gateways) of applications.
Designed, architected and lead the team of a microservice that was able to scale to over 2K RPS.
Worked on creating and mantaning various APIs, Middleends and Microservices in both Java and Go.

Lead Software Engineer June 2015 - September 2017
Metonymie Studios
Development from scratch of various projects including:

- estadisticasbcra.com
Website that mines and displays argentine central bank statistics.
Technologies: Go, Python, ZF2, D3, Varnish, Docker
- generativetext.js
A native Javascript generative design library for Html text and it's associated website.
Technologies: Native Javascript, Angular.js, Node.js, Varnish, Docker
- jergozo.com
A user generated slang dictionary in spanish.
Technologies: Symfony, JQuery, MySQL, Memcached, Docker
- Worked on various freelance projects mainly in Go, Java and Python.

Senior Full Stack Software Engineer May 2014 - April 2015
Walt Disney Parks and Resorts Online

Worked as part of the team that customizes and maintains the software that supports Disney's family of park's websites.

- Worked on both the Backend, Frontend and Data layers of a Microservices Architecture.
- Helped customize and develop a testing framework using Behat, PHP Unit and Selenium.
- Development and Maintenance of various features on the sites.

Main Technologies: PHP (Zend Framework 1), Javascript (jQuery, Backbone), Java (Jax-RS), Behat, Selenium.

Senior Full Stack Software Engineer

March 2013 - May 2014

Univision Communications, inc

Worked on all the software layers of Univision news website, a high traffic website with a services oriented architecture.

- Migration of some of Univision's family of sites to a new service oriented architecture.
- Worked on development and maintenance of web services provided by Univision to clients.
- Maintenance of Univision's custom CMS.

Main Technologies: Java (Spring), PHP (Zend Framework 1 and 2), Javascript (jQuery, Backbone), Mysql, Memcached, Varnish, Solr, Rest Web Services.

Lead Web Developer

January 2001 - March 2010

WhiteStripe

WhiteStripe is a Miami based company dedicated to developing Web based products for E-commerce.

- Worked through the full cycles of development of Whitestripe's online wishlist products.
- Integrated the product with Amazon's product web services and a variety of affiliate networks datafeeds.

Main Technologies: PHP, Javascript, Java, MySQL

Previous experience available upon demand.

CURRENT STACK

Preferred Stack

- Golang (4+ years):
Web Services, Network Apps
- Java (7+ years):
Spring, Spring Boot, Java Spark, Guice, Hystrix, Maven, Gradle
- MySQL and MariaDB (15+ Years):
Stored Procedures, Query Optimization, Replication, Sharding
- Docker, Redis, MongoDB, Cassandra, RabbitMQ, Kafka, Varnish, Memcached, Apache, NginX, Prometheus, Consul, Elastic Search, AWS, Linux Server Administration

Frontend development

I have focused my career on Backend Development but in the past I've done work in:

- Javascript (15+ years):
jQuery, Angular.js, Backbone, D3, Node.js
- HTML, CSS, Sass
- Python (Django), Grails, PHP (Symfony, Zend Framework)

Academic Experience

During my university years I also did small or midsize projects in C, Haskell, Ruby, Perl and PL-SQL.

GENERAL SKILLS

Deep Understanding of Web Application Architecture:
Micro Services Architectures, Cacheing, Scaling

Current Software Engineering Practices:

- Profiling (jMeter, PProf, VisualVM, chrome dev tools, etc.)
- Unit Testing and TDD
- Agile (Scrum)
- Version control (GIT, SVN, Perforce)
- Design Patterns

Solid computer Science background (Discrete math, Algorithm analysis)

LANGUAGES

Spanish: Native.

English: Fully Bilingual (12 years of bilingual education).

French: Intermediate (sixième année Alliance Française).

Portuguese: Beginner.