

## RESUME

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### **Career summary:**

I have almost 20 years' experience on Web Development using LAMP and LEMP.

About 10 years ago I learned Magento 1 and I got crazy with the power of this e-commerce platform, mainly due to the almost endless customisation, not easy though.

I worked with Magento 1.7 - 1.9.x from 2012 until 2016.

When in 2015 Magento 2 was released, I had to learn the new architecture, such as, Dependency Injection (create objects in a more organized way passing the classes as arguments to the constructor), Plugins to perform any desired behaviour after, before or around a public method, ViewModels for business logic views, service contracts, console commands , UI components.

in 2017 I start working with Magento 2.2 all the way to 2.4.x.

I'm proactive and fast learn.

I have strong skills in Magenrto 2 implementing best practices, coding standards and delivery of hight quality code.

I also have DevOps skills like as for example setup from scratch on a linux CentOS, Debian or Ubuntu based server a Magento 2.

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**Core Skills:**

- ☐ PHP
- ☐ Magento

**Soft Skills:**

- ☐ Laravel
- ☐ Go

Education: College - IT Engineering.

Languages: Fluent in English, Spanish and Portuguese.

Extra Education: 7 years of Classical Guitar at the Lisbon Music School (5th Grade).

**Other Features:**

I am part of the [M.Academy](#) where I keep learning more and more about Magento 2 with regular training.

I'm also a guitar and piano teacher (when I have time).

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**Some code samples of M2 modules on GitHub:**

- Magento 2.4 PHP 8, module to restrict access to the catalog and CMS by customer groups:

<https://github.com/rubenromao/magento2-customer-group-restrict-access>

- Magento 2.4.4 simple custom web Rest Api module to get a product and save the description of a given product:

<https://github.com/rubenromao/module-product-rest-api>

- Demo module that tries to cover the most common design patterns of a magento module using Magento 2.4.5 with PHP 8:

<https://github.com/rubenromao/demo-module>

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## **Professional experience**

Company: Absolute Design Ltd

Duration: September 2023 – October 2023 (Contractor & fully remote)

Position: Senior Magento 2 Backend Developer.

Projects:

- Timberlake Consultants Ltd (<https://www.timberlake.co.uk>)

Responsibilities:

- Magento upgrade from 2.4.4 CE to 2.4.5-p4 CE.
- Upgrade PHP to v8.1.
- Custom Module to allow customers to add participants per Course and show the participants in the admin panel order detail per item (Course).

1. Creation of a custom modal form on the PDP where the customer can add participants to the selected Course (item).

2. When the Course (Item) is added to the cart, the form data is saved into a custom column in the “quote\_item” table.

3. Once the customer finishes the checkout process, each item’s participants data is saved into the “sales\_quote\_item” table.

4. To show the participants data in the admin order detail page, a new column named “Participants” was added to the “Items Ordered” section in the “sale\_order\_view.xml”.

On the backscene: view for both adminhtml and frontend, extension attribute, declarative db schema, model, interceptors (Observer and Plugin) were handling the new data in add to cart and checkout journey.

A Plugin was also created for the new extension attribute to intercept the (OrderRepositoryInterface) interface methods “get()” and “getList()”.

- ZLT Electrical Ltd (<https://www.electricalcounter.co.uk>)

Responsibilities:

- Magento upgrade/migration from 2.4.4 CE to Adobe Commerce 2.4.6-p3.
- Upgrade of PHP from PHP 7.4 to 8.2 on the dev server (Digital Ocean).
- Adobe Commerce Cloud environment configuration using the cloud configuration files, cloud commands and ece-tools
- Deploy to Adobe Commerce Cloud integration environment.
- Deployment of media content database.

Technologies / Tools:

- Magento 2.4.5, 2.4.6 CE,
  - Adobe Commerce Cloud Pro Plan v2.36.5 with Adobe Commerce 2.4.6-p3.
  - PHP 8.2, MySQL 8, OpenSearch, Git (GitHub), Xdebug 3, PHPStorm, Docker.
  - Jira, Confluence, Mantis, Synergist, Slack.
  - Maintenance, installation and configurations of LEMP on Digital Ocean Servers (CentOS 7/8).
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Company: Kick Interactive Ltd

Duration: May 2023 – August 2023 (Permanent & fully remote)

Position: Senior Magento 2 Backend Developer.

Projects:

- ☐ ChampionTimber (<https://www.championtimber.com>)
- ☐ MP Moran (<https://www.mppmmoran.co.uk>)
- ☐ MGMTimber (<https://www.mgmtimber.co.uk>)
- ☐ Instinct (<http://staging.instinct.co.uk>)

Integrations:

- ☐ Custom Magento 2.4.5 modules, PHP 8.1.
- ☐ Bistrack ERP API integration (CRUD for orders, products, customers).
- ☐ Refactoring of 3rd party modules.

Responsibilities:

- ☐ Bistrack ERP Rest Api improvement and maintenance.
- ☐ Magento upgrades.
- ☐ Upgrade some projects from PHP 7.4 to 8.1.
- ☐ Code refactoring to be compliant with Magento 2 coding standards and best practices.

Technologies / Tools:

- ☐ Magento 2.4.x CE / PHP 7.4/8.1, MySQL 8, KnockOut JS, Xdebug 3, REST APIs, Docker, LEMP Devops, Valet, markshust/docker-magento, Git (GitHub), shellscripts, JSON, PHPStorm, Discord, ActiveCollab.
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Company: Digital Boutique Ltd

Duration: October 2022 – April 2023 (Permanent & fully remote)

Position: Senior Magento 2 Backend Developer.

Projects:

- ☐ Slater Menswear (<https://www.slaters.co.uk>)
- ☐ Lola Rose (<https://www.lolarose.co.uk>)
- ☐ Salt-Water Sandals (<https://www.salt-watersandals.com>)
- ☐ ETB Tech (<https://www.etb-tech.com>)
- ☐ Cots Would (<https://www.cotswolds.com>)
- ☐ Milk & Blush (<https://www.milkandblush.com/>)
- ☐ LCFC (<https://shop.lcfc.com>)
- ☐ Floris London (<https://www.florislondon.com>)
- ☐ Novuna - PayByFinance (<https://www.novunapersonalfinance.co.uk>)
- ☐ PJ PAN (<https://www.pjpan.co.uk>)
- ☐ Stoneridge (<https://www.stoneridge.com>)

Integrations:

- ☐ Custom Magento 2.4.5 modules, PHP 8.1.
- ☐ Payment methods: Stripe, PayPal, Apple Pay, Klarna, Amazon Pay, Google Pay, PayPal Finance.
- ☐ Sage200 integration (ERP, stock, order, products).
- ☐ Global multi-store, multi-currency stores.
- ☐ Refactoring of 3rd party modules.
- ☐ Magento app that connects magento to the Novuna application portal.
- ☐ Based on “magento/docker” by Mark Shust, I created a docker base suite for local development to avoid local project setup avoid time waste.

Integration of 3<sup>rd</sup> party modules:

- ☐ SagePay (Opayo)
- ☐ Amasty\_Sorting
- ☐ Fooman\_PdfCore, Fooman\_PdfCustomiser – Layout changed to match client requirements.

Responsibilities:

- ☐ Magento 2.x stores migrations to Magento stable version 2.4.5-p1.
- ☐ Code review and refactor.
- ☐ Migration of a Magento 1 store to Magento 2.4.5-p1.
- ☐ Upgrade all projects from PHP 7.x to 8.1.
- ☐ Refactoring of old code to be compliant with Magento 2 coding standards.
- ☐ Digital Marketing Tool for Novuna:
  - ☐ Architecture and development of a “Digital Marketing Tool”, written in PHP 8.1 using Laravel 9 framework.

The DMT was designed to make API requests to “Goggle PageSpeed Insights API” and “Similar Web API” endpoints to fetch metrics on a schedule basis (cron).

The request payoff was a JSON object that was parsed to get the needed data and then stored into the database.

A dashboard was created so the clients could have the ability to view their store metrics and also the ability to export/download them within a time range, if wanted, into a CSV file.

Technologies / Tools: Magento 2.3/2.4 CE / Adobe Commerce 2.4, PHP 7.4/8.1, MySQL 5.7/8, MariaDB, Xdebug 2/3, REST APIs, Docker, Warden, Tinkerwell, Git Bitbucket, RabbitMQ, shellscripts, JSON, PHPStorm, Slack, Jira, Confluence.

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Company: Rezolve Limited. <https://www.rezolve.com/> (Market Place App)

Duration: August 2017 – September 2022 (Permanent & fully remote)

Position: Senior Magento 2 Backend Developer and Team Lead.

Headless Magento project.

Rezolve is an APP that works mainly as a market place for merchants, Magento is in the back scene where all the catalog is handled by the merchants.

Project Description:

The product is an APP that works mainly as a market place with merchants' stores. Each merchant has access to his own Magento instance to manage catalog, sales, shipping, customers etc.

- ☐ Custom Endpoints in Rest Api:  
Module with all needed custom endpoints used by the mobile SDK.
  - Endpoint to create and authenticate customers.
  - Get Products endpoint for all product types.
  - Put Quote endpoint for the items in insert the cart items.
  - Place order endpoint.
- ☐ Payment Gateways (Integration/implementation):
  - Stripe
  - PayPal
  - Apple Pay
  - SagePay
- ☐ Custom Modules
  - To meet the business logic custom modules were implemented to change core classes using Plugins, Preferences, dataprovider and UI component.
  - Custom Console Commands.
- ☐ Api2Cart Integration:  
I made a custom module to sync magento catalog with Shopify, Ebay and BigCommerce platforms using api2cart.
- ☐ Migration of the project from Magento 1.9 to 2.2.
- ☐ Magento upgrades all the way since 2.2 until 2.4.3 in order be up to date with PCI compliance.

Technologies / Tools:

Magento 2 (2.1.7 - 2.4.3), PHP 7.0/7.1/7.2/7.4/8.1, Xdebug, REST APIs, Swagger, phpunit functional tests, Docker, k8s, MySQL, RabbitMQ, Vault, Consul, shellsript, JSON, Git (Bitbucket & GitHub), Slack, Jira, Confluence, Postman, PhpStorm.

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Company: Rockar Ltd. <https://www.rockar.com> (Online Cars Sales)

Duration: March 2017 – July 2017 (Contractor).

Position: Magento Developer.

Project Description:

Business logic changed to use Magento product's type - the stores were using only simple products.

My mission was to change all common Modules for the 4 websites Jaguar Land Rover, Hiunday and Mitsubishi to meet the new logic of configurable products.

Technologies: PHP5.6, MySQL5, Magento CE 1.9.3.1, Bitbucket, Jira, PhpStorm.

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Company: Salmon Ltd. Client: <https://www.goedhuis.com> (Wine Retailers).

Duration: September 2016 – February 2017(Contractor).

Position: Magento Developer.

Project Description:

- ☐ Integration of Sagepay Payment Gateway
- ☐ Development of custom Modules such as:
  - ☐ Extension to overwrite add to cart behavior to allow multiple Childs of Configurable product to be added to the cart.
  - ☐ Extension to overwrite default Url Key so it can add to the start and the end of the Url Key one attribute. An Observer was created as well so on save product it can create the custom Url Key.
  - ☐ Module to create/insert all custom static blocks.
  - ☐ Script to import all Wines images from an FTP server and place them programmatically into Product Media Gallery.

Technologies: PHP5.6, MySQL5, html, CentOS, apache, Magento CE 1.9.2.4, Git (Bitbucket), Jira, PhpStorm.

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Company: Buzzbeat Lda. Client: <https://www.nustone.co.uk/> (wall and floor products)

Duration: April 2016 – July 2016 (Contractor).

Position: Magento Developer.

Project Description:

- ☐ Upgrade old store from Magento 1.8 to 1.9.2.4
- ☐ Implementation and customization of the new theme (stg.nustone.co.uk)
- ☐ Corrections to the old code.
- ☐ Migration from the old server to the new server.

Technologies: PHP5.6, MySQL5, Javascript, Ajax, html, css, Shell Script, Debian, apache, redis, Magento CE 1.9.2.4, Git, GitLab, PhpStorm.

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Company: [www.FactionSkis.com](http://www.FactionSkis.com) (Skis and skiing outerware and apparel products)

Duration: July 2015 – December 2015 (Contractor).

Position: Magento Developer.

Project Description:

- ☐ Upgrade old store from Magento 1.8 to 1.9.2.2
- ☐ Implementation of the new html custom layout into a Magento package theme from scratch.
- ☐ Implementation of WorldPay Payment Gateway.
- ☐ 3th Party Odoo connector installation and configuration.
- ☐ Backup system.

Technologies: PHP5.4, MySQL5, Javascript, Ajax, html, css, bootstrap, Shell Script, Linux, Zend Server 8, Magento CE 1.9.2.2, Git, GitLab, Jira, PhpStorm.

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Company: [www.PinPointDesigns.co.uk](http://www.PinPointDesigns.co.uk) client [www.lumitrix.com](http://www.lumitrix.com) (Photo gallery sales)

Duration: May 2015 – July 2015 (Contractor).

Position: Magento Developer.

Project Description:

- ☐ Extension of the Newsletter Core Module to Gather the date of birth.
- ☐ SagePay Payment Gateway module integration.

Technologies: PHP5, MySQL5, Javascript, Ajax, html, css, Linux, Zend Server 7, Magento CE 1.7.0, Git, GitHub, Tower, PhpStorm.

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Company: [www.eMakina.com](http://www.eMakina.com). Client: [www.seton.com](http://www.seton.com) / [www.seton.fr](http://www.seton.fr) / [www.seton.co.uk](http://www.seton.co.uk)

Duration: October 2014 – April 2015 (6 months' project, Contractor).

Position: Magento Developer.

Project Description:

- ☐ Extensions Development
- ☐ Extensions Customisation
- ☐ Extensions Optimisation

Technologies: PHP5, MySQL6, Javascript, Ajax, html, css, Perl, Shell Script, Linux, Zend Server 7, Magento EE 1.12, Agile, Git, JIRA, Bitbucket, PhpStorm.

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Company: [www.Familybrands.com](http://www.Familybrands.com). (All kind of products from books to clothing)

Duration: August 2013 – September 2014.

Position: Magento Developer.

Project Description:

Architecture from scratch, coordination and development of a Magento based Stores with a single Admin panel.

Phase 1: 3 Stores with two websites each ([www.perfumedepot.ie](http://www.perfumedepot.ie), [www.perfumesdepot.co.uk](http://www.perfumesdepot.co.uk), [www.booknote.ie](http://www.booknote.ie), [www.booknote.co.uk](http://www.booknote.co.uk), [www.homeandpc.ie](http://www.homeandpc.ie), [www.homeandpc.co.uk](http://www.homeandpc.co.uk)).

Phase 2: One main Website store with two Store Views ([www.familybrands.com](http://www.familybrands.com)).

- ☐ Rest API to handle 3<sup>rd</sup> Party services as warehouse stocks, shipping and Ogone Payment gateway.
- ☐ Extensions Customisation

Technologies: PHP5, MySQL5.6 (Percona), Magento EE 1.12.0.2 & 1.13, Apache Solr, Memcache, Varnish, Soap WebServices, Apache2, Nginx, REDIS, ZendServer 6, html, css, JavaScript, XML, AJAX, Linux, PhpStorm.

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Company: Talent Online Sales – [www.formafit.co.uk](http://www.formafit.co.uk) (Weight-loss supplements)

Duration: November 2012 - July 2013.

Position: Magento Developer.

Project Description:

- ☐ Architecture, coordination and development of a Magento multistore with a single Admin panel for [www.formafit.pt](http://www.formafit.pt), [www.formafit.es](http://www.formafit.es), [www.formafit.co.uk](http://www.formafit.co.uk), [www.formafit.it](http://www.formafit.it).
- ☐ Facebook APP contest for viral marketing, based on Facebook API, FB PHP SDK, FB Javascript SDK and FB Graph API

Technologies: PHP5, MySQL5, Magento CE 1.7.0.2, Facebook API, ZendServer 6, html, Javascript.

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Company: Global8track, Lda – ([www.global8track.com](http://www.global8track.com)).

Duration: June 2012 – October 2012.

Position: PHP Developer/Team Leader.

Project Description: Architecture, coordination and development of a GPS tracking system. Coordination of the team and their functions on the project.

Development of:

- ☐ Listener that receives the data sent from the devices and put it in a log.
- ☐ Parser to treat the data that the listener saves in the log, made all the calculations and save the processed data into the database.
- ☐ Crons to generate reports and KMLs.
- ☐ Dashboard where the customers can see their fleet in real time, get reports, define waypoints, stopovers, alerts for: (waypoints; stopovers; geofences; panic; overspeed; fuel levels).

Technologies: PHP5 OOP, MySQL5, Google Maps API, html5, XML, JavaScript.

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Company: Oasis Backpacker's Hostels Group – ([www.hostelsoasis.com](http://www.hostelsoasis.com)).

Duration: October 2011 – May 2012.

Position: Team Lead and Project Manager.

Project Description: Analysis and architecture of the whole hostel booking system.

The system consists on a PMS (Property Management System) a Booking Engine a Payment Gateway (Ogone) and an XML Webservice that controls the bookings made in other systems such as booking.com.

PMS Demo: <http://pms.rubenromao.com/pms/> - user:admin/password:ruben

Booking Engine Demo: <http://pms.rubenromao.com/>

Technologies: PHP5 OOP, MySQL5, html5, XML, JavaScript, JQuery, AJAX, SEO, WebServices, Apache2, Linux, Eclipse.

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Company: Solferias, Travel Operator. – ([www.solferias.pt](http://www.solferias.pt)).

Duration: January 2012 – March 2012 (freelancer).

Position: WEB Developer and Mobile Developer for iPhone and Android.

Project Description: Development of an iPhone and Android App. This app allows the users to query the entire offers of Solferias in offline mode.

Technologies: PhoneGap 1.4, iOS 5.1, Android SDK, Eclipse, Xcode, HTML5, JavaScript, JQuery, SQLite3.

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Company: CleverTI – Innovation Works, Lda. – ([www.cleverti.com](http://www.cleverti.com)).

Duration: January 2011 – September 2011.

Position: 3<sup>rd</sup> Line Support Engineer.

Project Description: 3<sup>rd</sup> Line Support Engineer for eZ Publish CMS. Working directly to eZ Systems ([www.ez.no](http://www.ez.no)).

Technologies: PHP5, MySQL5, Solr, JavaScript, JQuery.

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Company: WAYNEXT, Tecnologias da informação, Lda. – ([www.waynext.com](http://www.waynext.com)).

Duration: November 2008 – November 2010.

Position: WEB Developer.

Project Description:

- Development of the CMS used in all websites as the following sites build by me:
  1. Glintt – <http://www.glintt.pt>
  2. Angola online Newspaper – <http://jornaldeangola.sapo.ao>
  3. Angola Sports online Newspaper – <http://jornaldosdesportos.sapo.ao>

Technologies: PHP5 OOP, MySQL5, html 5, JavaScript, JQuery, AJAX, SEO, WebServices, Apache2, FreeBSD, SSH, VIM, Eclipse.

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Company: SEGULA Technologies Portugal, S.A. – ([www.segula.pt](http://www.segula.pt)).

Duration: October 2006 – January 2008

Position: IT Expert Consultant - PHP/PERL Developer.

Projects Description:

ACIDI (Governement beauro for imigration)

- ☐ Installation and configuration of Request Tracker (RT) 3.6. A very powerful Open Source tracking system.
- ☐ Database Migration from RT 3.0.9 to RT 3.6.1.

Vodafone Live UK:

- ☐ PHP (JPGraph)/MySQL with PERL scripts for database feeds.
- ☐ Payment/Purchase Monitor Tool in graphical mode for the marketing department of Vodafone Live UK.

SECIL:

- ☐ E-Mail Content Filtering with Qmail-Scanner acting as a relay with Qmail (MTA), ucspi-tcp (tcpserver/client), SpamAssassin (Anti-SPAM) and ClamAV.
- ☐ WEB Content Filtering as a transparent proxy with Squid (Proxy), DansGuardian (Content Filter) and ClamAV to prevent Viruses and Spy ware.
- ☐ KDE Desktop improvement for SECIL, SA.

Technologies: PHP5, PERL, MySQL5, Jpgraph, JavaScript, AJAX, PERL, Apache2, Linux(Debian), FreeBSD, SSH, VIM, Komodo.

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Company: YA.com S.A. T-Online Group – ([www.ya.com](http://www.ya.com)) SPAIN.

Duration: June 2004 – Oct 2006

Position: WEB Developer.

Project Description:

- ☐ Apache modules developed with C and PERL.
- ☐ Bandwidth control Script using PERL and ORACLE.
- ☐ Link Checker ROBOT.

Technologies: PERL, C, MySQL4, Oracle, JavaScript, Apache1.3, Linux(RedHat), C.

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Company: Sapo.pt, PT.com Group – ([www.sapo.pt](http://www.sapo.pt)).

Duration: December 2002 – June 2004

Position: WEB Developer.

Technologies: PERL, C, MySQL4, Mason, JavaScript, Apache1.3, Linux(Debian).

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