

# Antonio Pedicini

Mobile: +44 7990 450459

email: [antoniopdcn@gmail.com](mailto:antoniopdcn@gmail.com)

Skype: antoniopdcn



## Personal Statement

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**Backend engineer with more than 15 years of experience in e-commerce. I've been working latest 8 years mainly with Magento V1 and V2, focusing on backend development, API and Unit Testing. Spent the latest 2 years on Microservices integration. Good knowledge of docker and Kubernetes.**

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**SQLi (since December 2022):** Senior Backend Engineer for 2 main clients Sharp and Tesco mobile. Integration API Adobe Cloud Commerce with B2B and SAP (products/customers import, orders, customers/companies management). SEO improvements and new deals integrations.

**End Clothing (September 2017-2022):** Senior Backend Engineer @ [endclothing.com](https://endclothing.com)

Customised modules backend development, maintenance and upgrades. Led major Magento upgrades to versions 2.2 and 2.3. Looking after our dev environment which runs on Kubernetes but also I'm involved in production releases. Currently working with Magento - Dynamic D365 integration using laravel framework.

### Important Projects I have been involved in:

**Dynamics 365 integration:** I've developed 2 modules for syncing online/in-store orders and now working on Gift cards POS integration.

**Sizing conversions:** I've developed a module for handling sizing measurements based on different brands and genres.

**Magento 2.2 and 2.3 major upgrades:** I've managed major platform upgrades. With more than 20 customised modules and more than 600Gb of data, the process was very complex, especially when in Magento 2.2 serialised data was converted to JSON.

**Payment fraud check:** was involved in the hardening of the payment system with CVV revalidation, and 3DS verification based on customer addresses.

**API customisation:** Customising Magento endpoints and response output by extending native interfaces or using extension attributes.

**Vashi (March 2015-September 2017):** Magento Lead Web Developer @ [vashi.com](https://vashi.com)

I develop, extend and maintain new and existing features. I recruit, lead and mentor in-house and external web developers. I test and deploy code in local, testing, staging and production environments. System Administration of our Debian testing server.

## Important Projects I have been involved in:

**Dynamic handpicked ring:** customised model for automatic ring generation combining setting and diamonds based on user preferences. Product information is dynamically generated using setting and diamond attributes. A script generates a xml feed for google shopping.

**Rma:** module customisation for bespoke jewellery

**Products consolidation** (simple to configurable): moved hundreds of simple rings to configurable products using metal filter

**Dynamic matched diamonds:** worked on a bespoke diamond product model so that it can be used dynamically single or in pair for rings or earrings

**Customer satisfaction:** module development to collect customer surveys at end of the checkout process. Data stored in the database, with admin grid view. Daily crontab module for sending daily reports to customer service

**Moodboard** (code review, architecture): Customised CRM system for the store

## Skills & Certification

**Certification:** [Magento Solution Specialist n. yf2dus51a7](#), [Magento Frontend Developer n. zd1dus500b](#)

**Programming and Markup Languages:** PHP, Java, C, Javascript, HTML5, XHTML, XML, SMIL, CSS, Less

**Frameworks:** Magento, Zend

**Database:** Mysql

**Testing Framework:** PHPUnit, Xdebug, Selenium, Magium

**Programming Applications:** PHPStorm, Netbeans.

**Version control software:** GIT, SVN

**Operating Systems:** Mac OSX, Debian, Ubuntu, Windows

**Excellent technical knowledge of LAN, WAN, Wifi.**

**Spoken Language:** English, Italian

**Freelance Web Developer** (August 2014-March 2015)

**Web Developer** (May 2011-July 2014): Senior Web Developer at Estrogeni s.r.l.  
[www.estrogeni.net](http://www.estrogeni.net)

**Latest Projects:** Magento store selling bus tickets ([www.romeairportbus.com](http://www.romeairportbus.com))

Magento store selling Kitchen products ([www.quareco.com](http://www.quareco.com))

**Main experiences:**

- Platform development for sentiment analysis and brand online reputation. Technologies used: **Zend Framework, Php, Mysql. Integration APIs of Facebook, Twitter and Google for the data collection. Integration APIs Alexa and Google PageRank.** Development of **Java engine xml parser.**  
The application collects data from search engines, blogs, social channels. Operators will analyse result rating sentiment about products and services. It is possible to export reports and statistic graph of results. The graph module is developed using **PCHART PHP library.** Moreover, the application is used to collect data about stock exchange to obtain reports and market forecast.
- **Video on demand** Portal development Own Air (ownair.it), with use of **DRM** technology for **content protection.** The Website is main developed using Php technologies customizing Wordpress Multisite installation. Some modules are developed for sales promotions, using **Php, Mysql and SOAP** interfaces between DRM license server and the Website. Management of **Podcast** server on iTunes.
- Websites based on **Wordpress, Joomla, Magento, Typo3, PHP, HTML5, JQuery, Javascript, CSS3.**
- Application Development with **Flash** technology.
- **Web Server Administration** Debian / Ubuntu Linux with Paralles Plesk Panel.

#### Individual Company, Salerno (2006-2011)

- Developing and customizing Web sites and applications. Technologies used: **Php, Mysql, Java, Javascript, Ajax, HTML, XHTML, XML, CSS.** Content Management System used: **Magento, Wordpress, Zencart, Oscommerce, Joomla**
- Supply, installation and servicing **personal computers, servers and office machines.** Installation and servicing **LAN and WiFi.**
- Supply, installation and servicing **security systems** over IP technology.
- Supply, installation and servicing **computer systems and software for the catering and hospitality (POS)**
- Supply, installation and support **of multimedia conferencing and presentations.**

#### Main works:

**WebSite [www.farmaciamontera.it](http://www.farmaciamontera.it)** : Development of the site, customizing accounting module, development **modules database and import products from Ebay, Farmadati, Search Engine Optimization.**

**WebSite [www.litis.it](http://www.litis.it)** : Migration from **ASP** language based site with **mdb** database to **PHP** with **MySQL** database. **PHP Search Engine** of Lawyers list divided by regions, and the judicial branch.

**WebSite [www.fs2000.org](http://www.fs2000.org)** : Migration from **ASP** language based site with **mdb** database to **PHP** with **MySQL** database. Migration to **Wordpress** site.

**WebSite [www.etike.it](http://www.etike.it) :** Development of the site, **implemented in PHP module path led to the creation of custom labels. E-commerce integration with software management Danae.**

**Website: [www.mutuocenter.it](http://www.mutuocenter.it) :** Loan site with reserved area for the exchange of documents between partners. Platform application for loan requests developed **with PHP and MySQL (Zend Framework).**

The application manages loans requests by partners and operator and store modules of every single request divided by categories (home purchase, personal loans).

**Computer consultant, Salerno 1999-2006**

Installation and servicing **personal computers, servers and office equipment, LAN and WiFi.**

Installation and Service **Business Management Software**

Basic computer courses.

**Computer consultant, Asc group sas, Salerno 1997-1999**

Installation and servicing **personal computers, servers and office equipment, LAN and WiFi.**

Installation and maintenance **multimedia laboratories.**

Basic computer courses.

**Tech stock, Perfumery, Salerno 1996-1997**

Warehouse management software.

## **Education**

Da Vinci High School with the experimental Computer Science, Salerno  
Diploma

**University of Salerno (2007-2011)**

Computer Science applied to e-commerce.

### **Exams:**

- Mathematics
- Discrete Mathematics
- Programming Languages 1 and 2 (C and Java)
- Operating Systems (System Call Unix / Linux - Java multithreading programming)
- Databases (SQL)
- Fundamentals of Economics
- Web technologies (PHP, HTML, Javascript, Ajax, CSS).

**University Carlo Bo, Urbino (2011-2013)**

Applied Computer with multimedia systems address.

### **Exams taken and passed:**

- Computer Architecture

- Computer Networks
- Algorithms and Data Structures
- Computer logic
- Applications Multimedia Languages (HMTL, XML, SVG, SMIL),
- Legal Informatics
- Business Management
- Multimedia services (QoS)
- Test of English Language