Name: Alejandro Deheza	**Role**: Senior Developer

• SUMMARY

Building quality websites and applications with PHP, REST API, CSS & JavaScript. Project Leader and developer with 20+ years of tremendous experience in LAMP development, object-oriented and user-centered design, researcher, passionate about new technologies, nature lover and sport fisherman.
Right now he's learning Python and willing to start a project where he can keep working and learning the mentioned technology if possible.

• DOMAIN EXPERIENCE

Working in Endava as Senior Developer for a big company that helps people from all over the world to find the right Software they need. He was fulfilling as main responsibility application development, code quality, keeping a close relationship with other developers from distributed teams and client representatives.

• CORE TECHNICAL SKILLS

Programming languages & technologies:	• **Languages**: PHP, JavaScript, Python (beginner), Go lang (beginner) • **Frameworks PHP**: Lumen, Laravel (basic), Code Igniter • **Frameworks Python**: Django, Flask • **Frameworks Javascript**: JQuery • **Template engine**: Smarty, Twig • **Web Services**: REST / SOAP • **Testing**: PHPUnit / Jasmine (basic) • **DevOps**: Docker, Linux (basic)
Databases:	• **Relational DBs**: MySQL / PostgreSQL • **NoSQL**: MongoDB (basic) • **Other**: Memcache
Versioning systems:	• GIT, SVN
IDEs:	• NetBeans, PHPStorm, PyCharm
Continuous integration:	• Jenkins
Techniques & Methods:	• **Software Development Methodologies**: Agile (Scrum)

• EDUCATION AND TRAINING

Qualifications:	2000-2003: Master in Information Technology (incomplete – only owing the final thesis) 1996-1998: Degree in computer science. (University Degree) 1991-1993: Systems Analyst
Languages:	Spanish: Native English: Intermediate

• RECENT PROJECTS

SENIOR DEVELOPER IN A PROJECT INVOLVING DEVELOPMENT AND MAINTENANCE OF A CRM AND PUBLIC WEBSITE (NOVEMBER 2011 - DECEMBER 2019)

The client is an important company that provides advisory services, research, and user reviews on software applications for businesses in multiple markets.

Tasks:

- Backend development of a legacy software built in PHP
- Development and maintenance of a REST API built with Silex Framework
- Basic frontend development
- Code improvements
- Unit testing
- Fixing issues
- Participating in estimation process.
- Participating in demos for stakeholders
- Working with Agile methodology (Scrum)
- Basic DevOps tasks

Technical Skills and Tools: PHP (Symfony Framework), MySQL, HTML 5, CSS, Javascript (Mostly plain JS and JQuery), Smarty and Twig templates, Grunt, Memcache, Redis, Git, Jira

TEAM LEADER & SENIOR DEVELOPER IN A PROJECT INVOLVING DEVELOPMENT AND MAINTENANCE OF A PUBLIC WEBSITE FROM SCRATCH (FREELANCE WORK 2011-2012)

The client is an important company that sales books to members and non-members of a prestigious book sale program. Multi-language and multi-country system, shopping cart, subscriptions, etc.

Tasks:

- Backend and front-end development built in PHP / Code Igniter.
- Complete reporting system with graphs / dashboard.
- Unit testing.
- Estimation process.
- Participating in demos for stakeholders.

Technical Skills and Tools: LAMP Environment. PHP (Code Igniter Framework), MySQL, HTML 5, CSS, Javascript (Mostly JQuery), Smarty templates.

TEAM LEADER & SENIOR DEVELOPER IN A PROJECT INVOLVING DEVELOPMENT AND MAINTENANCE OF A PUBLIC WEBSITE FROM SCRATCH (FREELANCE WORK 2009-2011)

The client is an important book publishing company of Spain and Latin America. Multi-language and multi-country system, with role-based access control and managed from each subsidiary and controlled by the headquarters in Spain across its statistics system. It has a connection with the AS400 DB (in Spain) via WEB Services - SOAP, Logs, automatic alarm dispatches, data repository so the subsidiaries can share information among them, libraries for accessing to the information shared by each country to be able to search and download information to use in billboards or advertisements, etc.

Tasks:

- Backend and front-end development built in PHP / Code Igniter.
- Estimation process.
- Participating in demos for stakeholders.

Technical Skills and Tools: LAMP Environment. PHP (Code Igniter Framework), MySQL, HTML, CSS, Javascript (Mostly JQuery), Smarty templates.

SENIOR DEVELOPER IN A PROJECT INVOLVING DEVELOPMENT AND MAINTENANCE OF A EMBEDDED SCADA SYSTEM (FREELANCE WORK 2007-2009)

Application software that allows you to create graphic or mimic screens where you can test and simulate the operations of the SCADA system, such as operating a valve to fill a tank. Once the system is defined, with an additional application all the screens created are exported in HTML format to a mobile device specially designed for this purpose. It contains a fully scalable graphics library, you can enter the addresses of each field device, assign alarms, internal messages, and much more. After finishing with the development of the SCADA mimic, it is exported to be embedded. The operation is to sense the configured devices (analogs or digitals) to show its statuses and take an action. Analog devices are those that are open or closed (eg valves) and digital devices measure different values such

as flow meter levels, temperatures, smoke density, etc. Then the plant engineers connected from any PC to this electronic equipment can visualize the mimics in real time, with the real data provided by the sensors.
Software protected by patents and confidentiality contracts, with advanced features, similar to AUTOCAD, such as dragging and dropping devices, moving them inside the mimic, right-clicking and changing properties, etc.
Tasks:

- Backend development built in PHP.
- Estimation process.
- Participating in demos for stakeholders.

Technical Skills and Tools: LAMP Environment. PHP, MySQL, HTML, CSS, Javascript (Mostly JQuery).

TEAM LEADER & SENIOR DEVELOPER IN A PROJECT INVOLVING DEVELOPMENT AND MAINTENANCE OF A PUBLIC WEBSITE FROM SCRATCH (FREELANCE WORK 2007-2009)

The customer is an important factory of printers, projectors and computers. The development was only for the Colombian subsidiary and the main goal was to add all the serial numbers of printers and projectors through its BACK-END among other tasks. Users who bought some type of this hardware could register the purchase in exchange for an extended warranty and validate the hardware authenticity. This was done to avoid piracy.

Tasks:

- Backend and front-end development built in PHP.
- Estimation process.
- Participating in demos for stakeholders.

Technical Skills and Tools: LAMP Environment. PHP, MySQL, HTML, CSS, Javascript (Mostly JQuery), Smarty templates.

"This was a list of my most recent works, having more experience in several developments since 1993."