**Juan Manuel Chouza**

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**Overview**

Manuel has over 10 years experience in the IT sector, excellent interpersonal skills and strongly believes in the philosophy of teamwork to achieve success. He has achieved a prestigious degree in computer science at National University of Technology (UTN) in Argentina.   
He is an extremely passionate about pursuing the best solution for each case scenario against the constraints that every project has in its life cycle.

Manuel consider himself a great problem solver, he loves the idea of think in the best way to achieve outcomes and the idea of knocking down technical obstacles. He also has strong analytical skills and a great sense of usability.

**Career Objective**During my career I have been in control of a wide variety of technologies and a big list of projects. After long years of being working in IT and crossing a variety of industries as a services I have gained and collected a vast experience under all different circumstances and technologies pursuing always the fact of making people conscious of the working as a team rather than as isolated individuals.   
With 34 years old I aim to become an effective solution architect working with peers in the best collaborative way.

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| --- | --- | --- |
| **Technology** | **Guru Level (1 to 10)** | **Years** |
| JAVA | 10 | 9 |
| MAVEN | 10 | 6 |
| Tomcat/Glassfish | 9/8 | 7/0.7 |
| Weblogic | 8 | 2 |
| MULE | 9 | 3 |
| WSO2 (ESB, BPEL, Governance Reg) | 8 | 0.5 |
| WEB Technologies | 10 | 6 |
| JMS | 6 | 4 |
| Data Modeling | 9 | 6 |
| UML | 8 | 7 |
| WebServices (JAXB/CXF/JAXWS) | 9 | 5 |
| ETL | 9 | 4 |
| Service Architecture | 8 | 5 |
| Messaging architecture | 8 | 2 |
| Hibernate/JPA | 9/7 | 5/0.6 |
| SPRING | 10 | 7 |
| ANDROID | 8 | 0.4 |
| XSLT/XPATH | 8 | 3 |
| AJAX | 8 | 3 |
| FLEX-AS /SpiceFactory | 8/8 | 2/0.5 |
| JAVASCRIPT | 8 | 4 |
| ORACLE/SQL SERVER | 8/6 | 5/1.5 |
| MYSQL | 10 | 5 |
| SDLC | 10 | 8 |
| J2EE | 10 | 8 |
| J2ME | 8 | 0.9 |
| XML/J DOM | 9 | 3 |
| ANGULAR | 8 | 0.3 |
| PHP | 9 | 2 |
| JSP | 10 | 5 |
| Bootstrap CSS | 5 | 0.3 |
| HTML4/5 | 10/9 | 5/0.3 |

**EDUCATION:**

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| **3-2000/2008 UTN UNIVERSIDAD TECNOLÓGICA NACIONAL Buenos Aires.** Systems Engineer of Information Technology (5 year Degree) |
| **6-2004 / 12-2004 CORTECH INSTITUTE Buenos Aires.** LPIC-1 LPIC-2 (LINUX PROFESSIONAL INSTITUTE CERTIFICATION) |
| **6-2002 / 11-03-2003 ACADEMY PROYDESA Buenos Aires.** CISCO CCNA |
| **1994-1999 INSTITUTO TECNICO INGENIERO HERMINIO ARRIETA Jujuy** Chemical technique. |

**Key Skills**

* ORACLE OSB/SOA, MULE SOFT, WSO2 ESB, WSO2 BPEL, WSO2 Governance Reg, SOA BPEL, JAX-WS, CXF, Message Broker, REST easy, ActiveMQ, MQ v7, ORACLE JMS.
* Java, HTML, XML, JavaScript, Object Oriented Programming, SmallTalk, Pascal, an expertise and vast experience in maven, JSON, AJAX, Bash and Batch scripting.
* ETL process with Spring transactional model, Mule, Java and WS architectures.
* PHP, JSP, XHTML, XPath, JQUERY, XSLT, Photoshop just for optimization and resizing of images.
* Oracle DB, MS SQL Server, MySQL, PL SQL, DBUnit, MotherObjects, H2 EmbeddedDB, Eclipse, JDeveloper.
* Struts 1-2.X, Actionscript, Prolog, HMVC Kohana, Magento, TYPO3, Spring2.X, 3.2, Hibernate 3-4, JMS, JMX, MDB, EJBs, OAuth 2.0, AngularJS.
* SDLC, TDD, SCRUM, JIRA, Confluence, Firebug, CVS, SVN, IVY, Selenium, WebDriver, Concordion-1.4, Strong capability for regression tests and integration tests.
* Mail Servers, Hubs & Switches, Modems, VPN, Proxy Servers, TCP/IP, IP, Web Servers, DHCP, FTP Servers, SSH, Wireshark, Charles web-proxy, Apache redirect rules .
* Linux platform (Suse, Red Hat, Ubuntu, Debian), Mac OS, Windows (All from 3.11).

**CERTIFICATES/TRAINING**

IBM Message Broker V8

JBOSS BRMS, JBOSS SOA/ESB

SCRUM MASTER 2008 Cubika S.A (now GlobalLogic)

E-Commerce, Internet, MS. Net (2001)

3-2004 Seminary Windows Server 2003 and ISA Server 2004

**WORK EXPERIENCE**

**03-2016 / 07-2017 Arganout LTD NZ**

* **03-2016 / 12-2016 Java GWT solution for Traffic for New Zealand Transport**

An upgrade of the travell information stack to consolidate all the traveller information platforms onto a single application. The soluton consisted of a new REST API to be available for the associated NZTA partners.

* **02-2017 / 07-2017 Java GWT solution SRTP for MBIE & INZ**

This is a quite confidential solution to manage biometrical and biographic information from people crossing borders across associated New Zealand partners.

**06-2014 / 10-2015 Clearpoint NZ**

* **02-2015 / 10-2015 Java Middleware Lead Integrator & Consultant at XERO**

We have integrated several ancient Xero systems that were not able to scale any further and cop with the current market demands. My team and I have sucessfully intgrated and replace progressively an existent platform (CRM) that manages the existent and new customers that join into the Xero systems.   
I have been the only responsible for network design to support latency and traffic amongst all the systems from a programatic perspective as well as from a network layer as a CCNA that I once been. The replacement of the system added the famous Salesforce system into the the current picture via SOAP calls using Mule CloudHub as the only ESB designed to support the entire interaccion for the future growth of the company. Given that all of the systems were in the cloud and in completely different regions of the world, the design of the network was a very critical aspect of the entire integration as well as the communication and coordination tasks as there were many different teams/data centers to synchronise at a particular moment.

* **06-2014 / 02-2015 Java Middleware Integrator & Consultant at Sky TV**

While woring for SKY TV I have lead the Milano project, built a gateway payment front end app and built an ETL process leveraging the use of JMS to achieve concurrency and multiprocessing in order to overcome high volumes and in order to accelerate the coding.  
I have also tested gateway payment into the clustered architecture that I installed and configured for production servers using a Glassfish 4.1.

Working with WSO2 ESB, WSO2 BPEL and WSO2 API components I have decodified the very grey requirements in order to orchestrate the solution into BPEL and built services all within WSO2 architecture.

The SOAP solution had to consume REST services from one of the SKY vendors in order to feed a huge range of SKY services via data services and if needed it was published via REST APIs.  
The processed REST responses were based on JSON responses and is here where we faced most of the issues as the strength of WSO2 is mainly around XML transports not so much in JSON transports.

I have also documented the procedure of each installation in order to replicate WSO2 configuration amongs different environments as well as the Glassfish clasterization.

Technologies I used in these projects: MongoDB, Glassfish 4.1, JS, SQL Server, WSO2, JAVA 7 and more.

**03-2014 /06-2014 Self employed**

I have developed a transport mobile application for the Wellington region. A widget that tells you the time of your next two trains to your destination based on your current location. For more info see <http://mytrainmate.blogspot.co.nz/p/mytrain.html>

**07-2011 / 03-2014 FRONDE – NZ (2 year, 9 months)**

* **08-2013 / 03-2014 Java Consultant at AMS**Mule ESB project to introduce Smartco into the AMS’s model in order to administer the changes of metering equipped providers across New Zealand network.   
  This consist of a Mule ESB architecture with ActiveMQ as a messaging layer for one side for the other one WebServices utilizing Spring-WS stack into Tomcat container that are published via Web-servlets. Given the vast size of the solution this one is backed up by ORACLE DB, maven, a regression test framework that we built with Selenium+WebDriver+Concordion for the Web stacks and for the Mule ESB an strong architecture for functional/Integrations tests built in JAVA 7  
  **Responsibilities:** Develop, improve the existing solution and architecture the new solution.
* **04-2013 / 08-2013 Java Consultant at AMS**

I have architectures the entire Single sign on solution with spring-web security and Tomcat 7 as a container, hibernate 4, Oracle, JSP, Uniform client library, JQuery 1.9 and more.

* **01-2013 / 04-2013 Technical lead - JCAPS - Transpower**As the senior in the team I have trained new members to the team and facilitate the knowhow of Market System and TIP system in order for these new peers support the existence infrastructure.  
  **Responsibilities:** Understand the systems first to transfer this acknowledgement to the rest of the team.
* **06-2012 / 12-2012 Mule ESB - AMS**

Power metering system is an application that AMS uses to administer and manage power consumption through the installation of smart meter devices in properties of New Zealand. Relying on CXF standards for web services architecture within Mule ESB architecture we have achieved great results in what is a SaaS integration project.

* **11-2011 / 06-2012 ORACLE OSB + SOA application - MOJ**

Cleanslate is an application that Ministry of Justice uses to verify criminal history of the society.   
A Re-engineering of an old fashion technology has been replaced for an Oracle OSB implementation moving part of the functionality to SOA BPEL components; base on a strong web service implementation within JAX-WS plus maven, WebLogic, Credentials, JSP pages and more.  
**Responsibilities:** See study case below.

* **07-2011 / 11-2011 Flex Application + Rest Easy web services – MAF (now MPI)**

Flex administrator to facilitate import and export processes of the MAF AP-ECERT certificates that ensure that Risk Management and Food Safety Programmes are followed at premises where meat, seafood and other animal products are processed. A REST easy implementation, DAOs, DBunit, SpiceFactory framework, ANT IVY as an integration tool and more were selected to approach this project.  
**Responsibilities:** Develop the UI and back-end solution.

**05-2010 / 07 – 2011 OCULAR FILM – NZ (1 year 2 months)**

07-2010 / 07-2011 PHP E-Commerce Analyst Programmer & JQuery ProgrammerHMVC Kohana framework 3.1, Prototype 1.6, JQuery 1.6, MYSQL 5.1 with transactional queries, PHP 5.3 XSLT, XPATH , AJAX architecture, Debian, Eclipse to build AJAX system for Elemental Technology to configure GPS watches .

05-2010 / 07-2010 PHP Magento E-Commerce Analyst ProgrammerE-commerce Shop built in AJAX features. A multi-setting platform within typo3, Magento E-Commerce based plugins developed with MYSQL 5.1, XSLT, XPATH, PHP5 and Prototype 1.6 JS on Debian platform. The system advertises Quilting patterns on an USA Market. I have built a web-service to encode the pattern with serial number of the computer to force a file pattern to be opened just on that specific machine.

**03-2007 / 12-2009 Cubika – Argentina (2 years, 9 months)**

* 12-2008/ 12-2009 Analyst Programmer & Team Leader – Client: Red Link

New home-banking multi-settings for 38 banks with configurable transactions on JAVA 6 with OSE concepts (One Screen experience), AJAX, JQuery, JQGrid, JSON stack, ORACLE, SQL Server 2005, Spring, MAVEN, camel libs, apache libs, dynamic jasper report, Eh-cache, Geronimo libs, HDIV libraries, mina-core libs, JSP, HTML, CSS, JS, IDE Eclipse, Enterprise Architect, Xstream, Weblogic application Server, apache 2, firebug, findbug, Junit test, Hudson, Jira & Green Hopper, FindBug Confluence. The core of the system consists of an asynchronous platform by a major Java-script controller in the frontend line and a spring controllers per use case in the backend side, leveraging the uses of spring-web and java annotations; relaying on a great architecture and utilizing a bunch of patterns this finalizes the http request sending requests to Tandem server respecting a specific frame format for each transaction. On the other hand there was an Adobe Flex application managing transactions achieving the desired requirements of each bank (in term of customization of settings) like Banco Nacion, Banco Provincia, Banco Privado, Banco Meriva, etc. Also I was involved in the leading coordination activity with scrum agile methodology.

* 07-2008 / 12-2008 JAVA Analyst Programmer- Carsa

Flex application to manage electronic warehouse with an on-fly feature administering the stores and product on line providing a strong capability of sell an item from another branch. The system has been built with oracle, hibernate, spring, tomcat 6, java 6, maven, IDE eclipse, Enterprise Architect.  
My role as a scrum master was particularly analysis and design good solutions, including an ETL process to extract the information of old systems with Spring framework using transactional models. The application includes a super interesting design since the entire project was backed up by a Design team of 4 genius.

* 04-2008 / 07-2008 JAVA/Flex Developer – Cartoon Network LA

Multimedia & interactive Flex Web-app oriented to entertain kids within universe, planets, avatars and more interactive components.  
The system is been built in Adobe Flex, cairngorm patterns, spring aspect, spring core and more.

* 03-2007 / 12-2007 CORREO ARGENTINO - JAVA DEVELOPER

Java ME Application for pocket PC symbol MC9090-G with windows mobile CE 5.0 this application was a register of container and packages that the post office could transport between two different point. The information was synchronized to the server as soon as it was connected to its cradle, therefore we also built a sync module (protocol) to handle this information via Ethernet connections.

**07-2009 / 11-2009 SELF EMPLOYED**

07-2009 / 11-2009 JAVA Analyst ProgrammerOpen source LMS based on OLAT Framework for an English institute with several features like apache 2, brasato framework, XHTML, AJAX web 2.0, CSS framework YAML, Portlet, TOMCAT 6, MYSQL 5, SPRING framework, Hibernate, Enterprise Architect .

**12-2006 / 07-2007 IFS – ARGENTINA (8 months)**

12-2006 / 07-2007 JAVA Analyst Programmer

SIGMA project AFIP.A collection and purchases of Treasury fiscal species, trials lost transactions with financial institutions, repayment and acquisitions.

Built in Struts, Mysql MaxDB, SAP J2EE engine, hibernate, Xdoclet, IDE SAP net-weaver, JSP, HTML, CSS, JS, Eclipse IDE, Jaspert reports.

**01-2006 / 12-2006 ASN (American Switching Network) – ARGENTINA (1year)**

1-2006 / 12-2006 JAVA Analyst ProgrammerWithin in this client I have been part of the development team building the following:  
A thin client UI in JSF, Spring, Hibernate.   
A thick client for Eclipse 3.1 RCP SWT, JFace, DB2, JONAS, business patterns as delegate, Open session in view, Aspect, commands, Open Symphony, internationalization.  
A Java gateway built for an important credit card followed by the final deployment plan.  
An XHTML AJAX client to the gateway core to manage payments, transactions and configuration for grain Industry Company, developed on XSLT, Javascript, Eclipse.

**4-2005 / 01-2006 Guia Practica – ARGENTINA (8 months)**

4-2005 / 01-2006 JAVA Analyst Programmer

Development of JSP website with Servlet in the backend, in between other technologies like JS, Xalan, Xerces, XML, XForms, Eclipse 3.1, CSS, Postgres, Apache lucene, log4j, Jakarta under LINUX environment, excellent experience where I have applied the invaluable knowledge of LINUX gained in University time.

**7-2004 / 8-2005 Mercado – ARGENTINa (13 months)**

7-2004 / 8-2005 Web Master & Perl Analyst Programmer

Maintaining and bug fixing a pure CGI-PERL web site plus a CMS system also built in PERL to publish online news. Technologies involved MYSQL, java-script, CSS, HTML on SuSe 7 platform.

**5-2002 / 11-2003 Ministry of Economy – Argentina (1 year, 6 months)**

Analyst Help Desk

I have assessed to a massive government organization. Within a 10 thousand employees organization I have applied solid networking routines supporting the entire infrastructure and applications based on Windows platform amongst 3.11 and XP versions.

LANGUAGES

**Spanish:** Native

**English:** Second language

**German:** Basic, Basic Commands

INTERESTS

Enjoy play and coaching Tennis.  
Enjoy contact with nature.  
Reading books and watching movies.  
Languages and international cultures,   
Travel, Music, Meeting new people from others cultures and countries.

REFERENCES   
 References supplied on request

**Applications with front end side focus and relevant work with front end technologies are the following:**

* All of the projects done for Ocular film were e-commerce websites with strong development of JS plugings.
* The e-commerce sites built for Guia Practica Company had a hard work with CSS styles and interaction with the user.
* The XHTML gateway with strong AJAX concepts on the UI with XSLT and strong manipulation of XML DOM was another front end experience.
* The Red Link project where 80% of the code was done in java-script and asynchronous calls to the back-end side it’s been so far the most exciting project I ever been.
* The OLAT project it s a rich solution that I had to build from a different angle since OLAT embedded the Javascript code into java component that are transforms into html component in order to produce AJAX calls.
* The FLEEX applications done for MPI, Carsa Client in Argentina as well are front end solutions where usability and design became crucial for the success of those products.
* The recent web application done for AMS with JQuery focus was also another client side application.

**Brief Summary for the following technologies:**

**Maven:** Used for for 6 years or more in a big variety of projects to structure most of the projects to facilitate the use like deploying and building artifacts.

**Spring:** Used for mor than 6 years as a spring lover and the IoC pattern this framework agilize the creation of projects. I have used it in web tiers, ETLs, DB tiers, Controllers layers and in minor occasions into aspect programming.

J**AXB:** used for around 2 year in Flex application and also into a Mule architecture in conjunction with CXF.

**REST:** I have used it into a FLEX application with Action Script 3

**TDD:** used for around 2 years on and off with JUnit across different clients. Recently used with concordion framework building a test automation framework for a client.

**ESB:** used several ESB for about 3 years. ORACLE OSB/SOA used to orchestrate a big and robust solution where several 3rd parties were involved in the main function of the system. MULE to manage and process retailer changes of metering equipments. MULE ESB to process asynchronously files arriving from an SFTP endpoint based on a messaging system with ActiveMQ.

**Apache Camel patterns:** Amongst different projects I have implemented the following patterns message router, message translator, message endpoint, dead letter channel, event message, request replay, correlation identifier, message filter, aggregator, content enricher, polling consumer, wire tap.

**Hibernate:** Used for more than 5 years to independent database manipulations and simplified understanding of business models. **J**PA used in a minor scale, mainly for personal samples.

**Cleanslate Ministry of Justice Case Study**

There was an old unmaintainable version of Cleanslate to which no-one could apply any fix to the existing problems as there was no-one with a deep understanding of the whole old platform.

As there was no documentation for the entire system we were forced to understand every piece of logic. Another major challenge was to deal with the environments as they were assigned to the whole IT department and there were constantly configuration changes to the environment that placed us sometime in situations where we couldn't technically operate in it for days.

**Phase 1:** A migration of all the components and libraries to a new Weblogic version 11g with the minimum amount of changes. Furthermore, I automatized the environments with a continuous integration server (Jenkins) and retrieved from it some metric about the existing code.  
I have done all the entire start up, set up and configuration of the servers as well as the set up and configuration of the whole continuous integration process with Yenkins and maven being the integration management tool.

**Phase 2**:  
During this phase we replaced all the EJB implementation and most of the PLSQL functions for BPEL processes implementation within SOA suite and OSB as a message orchestrator.  
I have done all the OSB development integration and implementation and part of the BPEL integration development and implementation.

Considering that no-one of the team had worked before with oracle OSB/SOA suite and the fact that we suffered from constant changes in the configuration of the environments we reached the short defined deadlines. Later on we were told that this project was the first project within the MoJ to be delivered on time.

**AMS Case Study**

The most complex part of this project was that technically the client did not know any standard procedures to manage the information.  
Thus it was a bit of a challenge to keep up with the development and production support at the same time.

I suggested the final solution for the SOA implementation within MULE ESB.  
Originally a different strategy had been proposed and it is always a challenge to convince people to change and existing strategy.