**Juan Manuel Chouza**

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**Xing profile:** https://www.xing.com/profile/Manuel\_Chouza/cv

**Birthday and birthplace:** 27 March 1980, Jujuy Argentina

**Overview**

Manuel has over 15+ years experience in the IT sector, excellent interpersonal skills and strongly believes in the philosophy of teamwork to accomplish the best. He has achieved a prestigious degree in computer science at National University of Technology (UTN) in Argentina.

Manuel considers himself a great problem solver and people normally recur to him for such a skill, he loves strategic thinking to find the suitable solution given the existent constraints each scenario presents.

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 gained and collected a vast experience under all different circumstances and technologies pursuing always the fact of making people conscious of working as a team rather than as isolated individuals.

**WORK EXPERIENCE**

**05-2018 / 01-2019 - CTO + Tech Lead - Faktoora GmbH Germany (startup)**

I created:

* a mobile solution to extend the desktop version
* a test framework on a move to intriduce TDD to existent team (Mocha, chai and chakram)
* an adminatration console built on react + react-admin and other NodeJS libraries
* I set new work members up into the existent infrastructure and environments.

**09-2017 / 04-2018 - CTO + Tech Lead + Infrastructure owner - Stratamap NZ (startup)**

My tasks and responsabilities were the following:

* architecturing a JAVA solution, based on lightweight micro services (Spring Boot + MVC etc.). It was a multiple layered architecture to serve incoming requests from 2 ELBs within AWS premises. The solution was designed to comply with a HA architecture as the vision dictated the company could have a big growth in terms of customers and consequently requests per minutes.
* Creating the whole AWS Infrastructure, Netowrk and platform customisation as well as the CloudFormation Tempalte to automatise the launch a new environments
* code-reviewing the React & NodeJS Solution
* definition of the entire SDLC within AWS, Travis for CI and Slacks amongst other tools
* defining and planning of each iteration for each developer invovled in the project

For more information see: <http://www.stratamap.io>

**02-2017 / 07-2017 - Java Consultant - SRTP for MBIE & INZ (Arganout LTD NZ)**

* We developed a very sofisticated and confidential JAVA solution for the New Zealand government.
* We tackled several use cases each of us in the team for a massive 5 year project.

TECHS: JAVA 8, GWT and Tomcat 8 + WSO2

**03-2016 / 12-2016 - Java Consultant - New Zealand Transport (Arganout LTD NZ)**

I developed:

* An entire new stack of travel information for New Zealand transport agencies.
* a REST API for this agencies to publish travelling info in their sites.
* a JAVA ETL with JMS for a bulk upload of travelling information

TECHS: JAVA 8, JAVA GWT, REST stack, TOMCAT 8, ACTIVE-MQ.

**02-2015 / 10-2015 - Java Middleware Lead Integrator & Consultant – XERO (Clearpoint NZ)**

My tasks and responsabilities were the following:

* Architecturing an ancient Xero NON JAVA solution to Scale up and support processing large volumes of data.
* leading the integration and POC of a new JAVA solution to replace this ancient architecture
* Being responsible for network design to support latency and traffic amongst all the systems
* Providing guidance to include Salesforce to replace XERO’s custom and unmaintanable system to be consumned via SOAP calls using Mule CloudHub as the only ESB designed to support the entire company and its future growth.

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 of tasks across different teams/data centers.

**06-2014 / 02-2015 - Java Middleware Integrator & Consultant - Sky TV (Clearpoint NZ)**

* leading the Milano project, a WSO2 (ESB, BPEL, API) solution to integrate existent media products. I decodified very grey requirements in order to orchestrate the BPEl solution.
* building an ETL process leveraging the use of JMS to achieve concurrency and multiprocessing in order to overcome high volumes and reduce processing times
* I built and tested gateway payment into a clustered architecture that I installed and configured for production servers using a Glassfish 4.1.
* documenting the entire gateway payment to be installed in different environments.

TECHS: MongoDB, Glassfish 4.1, JS, SQL Server, WSO2, JAVA 7 and more.

**03-2014 /06-2014 – JAVA creator –Mytrain (Self employed NZ)**

* I 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>

**08-2013 / 03-2014 - Java Consultant - AMS (FRONDE – NZ)**

* Building and fixing an existent MULE ESB solution to introduce Smartco into the AMS’s business model in order to incorporate a new metering provider across the New Zealand network.
* I designed and built a regression test framework with Selenium+WebDriver+Concordion for the Web stacks and for the Mule ESB an strong architecture for functional/Integrations tests built in JAVA 7. See <http://vectorams.co.nz/>

**04-2013 / 08-2013 Java Consultant - AMS (FRONDE – NZ)**

* architecturing an entire Single sign on solution with spring-web security and Tomcat 7 as the container, hibernate 4, Oracle, JSP, Uniform client library, JQuery 1.9, Tomcat valves and many more. See <http://vectorams.co.nz/>

**01-2013 / 04-2013 JAVA Tech lead - JCAPS – Transpower (FRONDE – NZ)**

* As the most 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 to support the existence infrastructure.
* I have understood the systems first to transfer this acknowledge to the rest of the team.

**06-2012 / 12-2012 - Mule ESB – AMS (FRONDE – NZ)**

* We designed and architectured a webservice solution to performed within MULE ESB.
* 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.
* We relayed on a CXF standards for the web services architecture.

**11-2011 / 06-2012 - ORACLE OSB + SOA application – MOJ (FRONDE – NZ)**

* We re-engineered an old fashion technology where we introduced an Oracle OSB solution.
* I implemented the OSB web services for the entires solution within JAX-WS, maven, WebLogic, X.509 Token Authentication; etc.
* I orchestrated some of the functionalities into SOA BPEL.

For more info see case study below.

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

* We built a Flex admin console 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.
* We have built a REST implementation to integrate with the console with a well defined architecture. With very clear separations between DAO, ansd the business servicess.
* TECHS: DBunit, SpiceFactory framework, ANT IVY as an integration tool and more were selected to approach this project.

**05-2010 / 07 – 2011 – PHP/ JQuery Analyst Programmer for E-Commerce - OCULAR FILM NZ**building:

* plugins within a HMVC Kohana framework 3.1 to build AJAX solutions for Elemental Technology to configure GPS watches
* several E-commerce Shops, multi-setting platform within typo3, Magento E-Commerce based on plugins development amongst others BA tasks.
* a web-service as API to encode the pattern with serial number of the computer to allow files to be opened just on the buyer’s machine.

TECHS: Prototype 1.6, JQuery 1.6, MYSQL 5.1, PHP 5.3 XSLT, XPATH.

**12-2008 / 12-2009 - Analyst Programmer & Team Leader – Red Link Bank (Cubika Argentina)**

* We built a new multi-settings internet-banking for 38 different banks with customisable transactions and a strong enphasis on the OSE (One Screen experience) philosophy
* We built a core asynchronous platform designed on Java-script controller and spring controllers divided per use cases to handle the magnitude of the solution.
* On the other hand we built an Adobe Flex console to customise transactions configurations amongst many other items to achieve each different customisation for each bank. Some of them were: Banco Nacion, Banco Provincia, Banco Privado, Banco Meriva, etc.
* I had soon enough been promoted to manage the entire soolution from a technical perspective in conjuntion with the PM of the project applying a scrum methodology for a agile aproach management.

TECHS: JAVA 6, Tandem mainframe, 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.

**07-2008 / 12-2008 - JAVA Analyst Programmer/ Team leader - Carsa (Cubika Argentina)**

* We built a super Flex console to manage a CRUD advertisements for electronic warehouse and administering stores and stock that is shared amongst multiple stores.
* I built an ETL process to extract the information of old systems with Spring framework using a transactional models to setup the entire solution into the new architecture.

TECHS: Oracle, Hibernate, Spring, Tomcat 6, JAVA 6, Maven, Eclipse IDE, Enterprise Architect. Scrum master.

**04-2008 / 07-2008 - JAVA/Flex Developer – Cartoon Network LA (Cubika Argentina)**

* We built an entire Multimedia & interactive Flex Web platform oriented to entertain kids with creations like the universe, planets, avatars and more interactive components in it.
* The system was built in Adobe Flex, Cairngorm patterns, Spring aspect, Spring core and more.

**03-2007 / 12-2007 - JAVA DEVELOPER - CORREO ARGENTINO (Cubika Argentina)**

* We built a Java ME Application for pocket PC symbol MC9090-G with Windows Mobile CE 5.0 this application was a register for containers and parcels that the National Post of Argentina used
* 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

**07-2009 / 11-2009 - JAVA Analyst Programmer - SELF EMPLOYED (Argentina)**

* I built an open source LMS based on OLAT Framework for an English institute and its course organisation.

TECHS: 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 – JAVA Analyst Programmer - IFS (Argentina)**

* I developed a Web solution that consists of a collection of purchases of Treasury fiscal species, trials lost transactions with financial institutions, repayment and acquisitions.

TECHS: Struts, Mysql MaxDB, SAP J2EE engine, Hibernate, Xdoclet, IDE SAP Net-Weaver, JSP, HTML, CSS, JS, Eclipse IDE, Jaspert reports

**01-2006 / 12-2006 – JAVA Analyst Programmer - ASN (American Switching Network) – ARGENTINA**

We built:

* a thin client UI solution in JSF, Spring, Hibernate
* A thick client for Eclipse 3.1 RCP SWT, JFace, DB2, JONAS, business patterns like delegate, Open session in view, Aspect, commands, Open Symphony, internationalization
* A Java gateway for an important credit card company followed by the final deployment plan
* A XHTML AJAX client to the gateway core to manage payments, transactions and configuration for grain Industry Company, developed on XSLT, Javascript

**4-2005 / 01-2006 - JAVA Analyst Programmer - Guia Practica (ARGENTINA)**

* I built and maintained a JSP website with strong focus on the Servlet side
* TECHS: JS, Xalan, Xerces, XML, XForms, Eclipse 3.1, CSS, Postgres, Apache lucene, log4j, Jakarta under LINUX environment

**7-2004 / 8-2005 - Web Master & Perl Analyst Programmer - Mercado Magazine (ARGENTINA)**

* I improved and maintained pure CGI-PERL web site plus a CMS system also built in PERL to publish online news.

TECHS: MYSQL, java-script, CSS, HTML on SuSe 7 platform

**5-2002 / 11-2003 - Analyst Help Desk - Ministry of Economy (Argentina)**

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

**Companies Acronyms:**

* **ASN:** American Switching Network
* **MOJ:** Ministry of Justice
* **MAF:** Ministry of Agriculture and Forestry
* **MPI:** Ministry of Primary Industry
* **IFS:** Idea Factory Solution
* **MBIE:** Ministry of Business, Innovation and Employment.
* **INZ:** Immigration New Zealand.

**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 technician |

**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

LANGUAGES

**Spanish:** Native

**English:** Second language

**German:** Basic, Basic Commands

INTERESTS

Tennis

Outdoor activities

Reading books and watching movies

Languages and international cultures,

Traveling, music, meeting new people from others cultures and countries.

REFERENCES   
 References supplied on request

**Key Skills**

|  |  |  |
| --- | --- | --- |
| Technology | Guru Level (1 to 10) | Years |
| JAVA | 10 | 10+ |
| MAVEN | 10 | 10+ |
| Tomcat/Glassfish | 9/8 | 10+/0.7 |
| Weblogic | 8 | 2 |
| MULE | 9 | 5+ |
| WSO2 (ESB, BPEL, Governance Reg) | 8 | 0.5 |
| WEB Technologies/REST | 10/10 | 10+/7+ |
| JMS | 6 | 4 |
| Data Modeling | 9 | 6 |
| UML | 8 | 7 |
| WebServices (JAXB/CXF/JAXWS) | 9 | 5 |
| ETL | 9 | 5 |
| Service Architecture | 8 | 8+ |
| Messaging architecture | 8 | 2 |
| Hibernate/JPA | 9/9 | 8+/5+ |
| SPRING/ Spring Boot | 10/10 | 10+/ 1.5+ |
| ANDROID | 8 | 0.4 |
| XSLT/XPATH | 8 | 3 |
| AJAX | 10 | 10+ |
| FLEX-AS /SpiceFactory | 8/8 | 2/0.5 |
| JAVASCRIPT | 9 | 8 |
| ORACLE/SQL SERVER | 9/9 | 5/4+ |
| MYSQL | 10 | 10+ |
| SDLC | 10 | 10+ |
| J2EE | 10 | 10+ |
| J2ME | 8 | 0.9 |
| XML/J DOM | 9 | 3 |
| ANGULAR | 8 | 0.5 |
| PHP | 9 | 3+ |
| JSP | 10 | 5 |
| Bootstrap CSS | 9 | 1.3 |
| HTML4/5 | 10/9 | 10+/1.5+ |
| NodeJS | 9 | 2+ |
| ReactJS | 10 | 2+ |
| AWS/Infrastructure/Networking | 9/10/10 | 1/10+/10+ |
| CoffeeCloud | 9 | 0.6 |
| TDD | 10 | 3 |

Others: WSO2 Governance Reg, SOA BPEL, Message Broker, REST easy, ActiveMQ, MQ v7, ORACLE JMS, SpringBoot, SmallTalk, Pascal, Bash and Batch scripting, Photoshop, MotherObjects, H2 EmbeddedDB, Struts 1-2.X, Actionscript, Prolog, JMX, MDB, EJBs, OAuth 2.0, AngularJS, SCRUM, JIRA, Confluence, Firebug, CVS, SVN, Selenium, WebDriver, Concordion-1.4, Mail Servers, Hubs & Switches, Modems, VPN, Proxy Servers, TCP/IP, IP, Web Servers, DHCP, FTP Servers, SSH, Wireshark, Charles web-proxy, Apache ACLs, Linux platform (Suse, Red Hat, Ubuntu, Debian), Mac OS, Windows (All from 3.11).

**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 put in place and it is always a challenge to convince people to change an existing strategy.