

MARIANO ACCIARDI

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Birthdate: 05/11/1971

PROFESIONAL PROFILE

Extensive experience both as developer / implementer, leadership and team management in projects with complex systems for 30 years. Ability to build work teams, management and training resources. Experience working in cloud services as Amazon Web Services, Google Cloud Services. Strong knowledge of information technologies, integrations technologies, development, devops, database, network infrastructure, communications protocols, VoIP and security. Deep knowledge of Windows and Unix platforms. Extensive experience in implementing Open Source platforms. Strong experience in technical evaluation of RFPs for platforms of VAS services in mobile telephony. Extensive knowledge of the implementation of large databases in different engines (MS SQL Server, Oracle, MariaDB, DB2, Nomad, MongoDB, Elasticsearch) Comprehensive knowledge of integration standards (SOA, Rest, json, oAuth) and caching technologies (Coherence, Redis). Microsoft Certifications MCDBA and MCSA. Good knowledge of World Class integration technologies (Oracle OSB, Weblogic, IBM DataPower, IBM Websphere MQ, Microsoft .net) Good knowledge in Access Manager/Single Sign On. Good performance in training and extensive experience as an Instructor in National Technological University "Delta", Cisco Academy, Proydesa and Linux College. Instructor of Oracle Administration careers , Enterprise Security and Risk, Linux and Advanced Security. Moderate knowledge in AI, working with Bayesian Net in prototypes in psychopathological diagnosis. Knowledge of design, development and consulting of systems in various industries, multinational companies and the State: Telephony, ISPs, Refinery, Government, Army, Human Resources , Logistics Tobacco, Food, Automotive, etc. Researcher Category 4 UBACyT. Professional knowledge of human resources management.

PROFESSIONAL EXPERIENCE

Universidad de Buenos Aires, Facultad de Psicología, Buenos Aires

Virtual education platforms Consultant (Moodle, WordPress, Joomla, Apache, Docker, Nginx, MariaDB)

2018 - present

Responsibilities:

Installation, customization, performance, monitoring, alarming, content management and consulting

Achievements:

- Containerized horizontal scaling for 100% virtual course, exams, undergraduate and graduate degrees activities (2020-2021 COVID Pandemic)
- Correction of long-standing errors .
- Virtualization of legacy moodle and wordpress (Docker/Load Balancer)
- Platform monitoring and wiring (Icinga/SNMP/Cacti)
- Several migrations and successful upgrades to the latest versions.
- Hosting of 35000 students, 4000 teachers, 1000 courses, 1500 concurrent users
- 100% Virtual Operation with no falls 2020-2021 (Covid19) of Undergraduate, Postgraduate and University Extension courses.

FEDUN, Buenos Aires

Virtual education and web platforms Consultant (Moodle, WordPress, Apache, Nginx, Docker, MariaDB)

2018 - present

Responsibilities:

Installation, customization, performance, content management and consulting.

Achievements:

- Moodle Installation on virtual hosting platform (Docker/Nginx/Load Balancer).
- Wordpress installation and optimization for Institutional sites.
- Platform monitoring and wiring (Icinga/SNMP/Cacti).
- Migrations and successful upgrades to the latest versions.
- Definition of testing processes and implementation of acceptance and testing environments

ADUBA, Buenos Aires

Virtual education and journal platforms Consultant (OJS, Moodle, WordPress, Apache, Nginx, Docker, MariaDB)

2020 - present

Responsibilities:

Installation, customization, performance, content management and consulting.

Achievements:

- OJS installation on virtual hosting platform (Docker/Load Balancer).
- Wordpress installation and optimization for Institutional sites.
- Platform monitoring and wiring (Icinga/SNMP/Cacti)
- Migrations and successful upgrades to the latest versions.

Telecom Personal, Buenos Aires

Integration Manager

2012 - 2018

Responsibilities:

- Management and monitoring of internal and third-party integrations to the Company's Legacy systems
- Management of projects to implement new platforms and technologies.
- Management, support and evolution of existing platforms (Billing, Platform SIM, Gemalto, subscriptions infotainment)
- Cross support to other areas in infrastructure and security
- Internal consultancy of technologies and solutions of integration of new platforms in existing infrastructure.
- Management of human resources and work teams
- Performance evaluation
- Budget Allocation

Achievements:

- Great Integration team leadership of the biggest technological transformation proces of Telecom Group with the new convergent Cloud CRM
 - Development of integration interfaces for fast and transparent insertion of the new Salesforce/Vlocity cloud CRM and order manager system in the complex Telecom/Calblevisión infrastructure to support new companies fusion. (In Course)
 - Development of integration interfaces for fast and transparent insertion of the new Huawei appraiser and billing system in the complex Telecom infrastructure
 - Implementation of new integration technologies such as IBM DataPower for data transformation and SOA, Rest, json, etc. protocols. With the result of satisfactory publication of wholesale recharge services eliminating integration third parties by substantially lowering recharge costs.
 - Design and implementation of new Access Manager/single sign on for CRM and customer portals folowing the standards OAuth2 and OpenId.
 - Design and developpe new cloud strategies in World Class SAAS, PAAS, IAAS as AWS, Google Cloud and Oracle Cloud services.
 - Implementation of a new multi-channel platform for the management and control of third
-

party content and White Label (Mobile Apps, SMS, SAT, SAT PUSH, WAP, WEB, IVR, SmartTv) with the result of an internal control over third party contents, maximizing the relationship between flexibility and control, sanitizing the industry without strongly resenting the business (Lowering claims from 1MM to 250K and only a 20% decrease in content sales)

- Reorganization of the Middleware teams oriented to the maximization of the development times for solid integration technologies (Oracle OSB exalogic / IBM DataPower / Oracle Tuxedo) in complex infrastructure within the convergence of companies, with the result of a decrease of the 70% in the time to market and the increase of acceptance of new developments through the standarization of development and documentation templates.
- Evolution and support of platform CDAG with the result of quintuplication of sales of contents by the SIM in a year. (SMPP, SAT Push Technology)
- Reduction of 75% in the amounts of negative balance for VAS services thanks to developments on billing.
- Expansion of processing capacity from 8 MM to 18 MM of transactions in less than a year on Billing platform.
- Reduction of GSMF claims against changes in LAC by reduction of more than 3000 claims with home visit (Savings approx \$ 500,000 in 8 months)
- Self-management coverage of 100% of providers with claims for infotainment content subscriptions.

Telecom Personal, Buenos Aires
Third Party VAS Integrations Specialist
2006 - 2012

Responsibilities:

Support and follow-up of internet third-party integrations to the Company's Legacy systems. (SOAP, Java, Oracle)

Technological support in the implementation of projects in other areas of Web Management and VAS (php, java, SOAP, sockets, certificates, unix, technological architecture)

Project management and support for the implementation of several Integration and Gateways platforms. (Multi Content Gateways, Billing Gateway, IBM DataPower, Oracle OSB, Bonita BPM, Mobile operator specific systems (SIM OTA, Device Management, Traffic Steering, Roaming). Support Cross to areas of Web Management and VAS in infrastructure and security (TCP / IP, IPSEC, Unix, IIS).

Technological advice to areas of Mkt for the development of products.

Achievements:

Successful implementation and second level support of Billing TIM platform for VAS service collections and negative balance control (Weblogic Server, Java, Oracle, Unix).

Successful implementation of content platform MCDP (Sale of contents in wap portal) (Apache, Tomcat,).

Successful integration of more than 40 suppliers to the company's platforms.

Technological and architecture definition of platforms implemented by areas of VAS Web Management.

More than 1MM reconfiguration of Heavy User client terminals by divesting the WAP Gateway thanks to the support and tuning of the Device Manager platform

Peugeot Argentina (In the service of GLD Consultores), El Palomar, Argentina
DBA Specialist (DB2 / Nomad)
2004 - 2005

Responsibilities:

Support for Global Premium System migration (NOMAD, DB2).

Construction / migration of the data model (NOMAD, DB2).

Achievements:

Construction of new data model for Premium System to Peugeot World Dealers
System Migration and Reporting

Ryder Argentina (At the service of GLD Consultores), Buenos Aires, Argentina
Specialist in MS SQLServer DW
2004 - 2005

Responsibilities:

Data Model Optimization (MS SQL Server 2000, Analysis Services)
Design and configuration of cubes (MS SQL Server 2000, Analysis Services)

Achievements:

DW for decision and logistics analysis of services to HP, GM, Xerox, etc.

Managua Mayor's Office (At the service of GLD Consultores), Managua, Nicaragua
Oracle / Linux Specialist
2004 - 2005

Responsibilities:

Architecture Design for Management System (Php, XML)
Platform installation (Linux RH AS, Apache, Oracle)
Design and programming of BackEnd (PL SQL)

Achievements:

Installation and implementation of Management System

Ryder Argentina / Ryder Brasil (In the service of GLD Consultores), Buenos Aires - Sao Paulo, Argentina - Brazil
Database Administrator
2002 - 2006

Duties

Database Optimization (MS SQL Server 2000/2005)
Analysis and detection of flaws in routing and delivery procedures (MS SQL Server 2000/2005).
Migration of logistics systems (MS.SQL 7, MS SQL 2000 and 2005).

Achievements:

Detection and optimization of more than 200 procedures with low performance.
Migrating databases to MS SQL 2000
Migrating databases to MS SQL 2005

Telecom Internet (In the service of GLD Consultores), Buenos Aires, Argentina
SQL Server Developer Specialist
2004

Responsibilities:

Design, development and implementation of the "Trouble Ticket" help desk system (MS SQL Server 2000, ASP, XML).

Achievements:

Implementation of Arnet Trouble Ticket system.

Reuters (News Agency) (At the service of GLD Consultores), Buenos Aires, Argentina
Specialist in DW and database

2003

Responsibilities:

Design, development and implementation of Finance Management dashboard

Achievements:

Design and implementation of finance control board.

**Ryder Brasil (In the service of GLD Consultores), Sao Paulo, Brazil
Specialist Windows Server and MS SQL Server**

2003

Responsibilities:

Definition and installation of server architecture for logistics systems

Achievements:

Installation and configuration of support platforms for logistics systems, based on Windows Server 2000 and MS SQL Server 2000

**Exxon Mobil (Esso) (In the service of GLD Consultores), Buenos Aires, Argentina
Specialist in Nomad**

2003

Responsibilities:

IBM Nomad Retirement Project Leader

Achievements:

Migrating databases deployed in NOMAD to MSSQL Server

**Supermarkets Disco (At the service of SEMA), Buenos Aires, Argentina
MS SQL Server Specialist**

2003

Responsibilities:

Consultant in SQL Server database

Achievements:

Process Optimization and Fine Tuning.

**Exxon Mobil (Esso) (In the service of GLD Consultores), Buenos Aires, Argentina
MS SQL Server Specialist**

2002 - 2003

Responsibilities:

SQL Upgrade Project Leader

Achievements:

Upgrading all MS SQL Server 6.5 databases to MS SQL Server 7.0

**Telecom Internet (In the service of GLD Consultores), Buenos Aires, Argentina
Senior analyst**

2002 - 2003

Responsibilities:

Utopia system design (CRM and Arnet invoice)
SQL Server Developer

Achievements:

Utopia Product Module Design
Implementation of database.
Configuring MS SQL in Cluster Services

Telecom Internet (In the service of GLD Consultores), Buenos Aires, Argentina
ARnet Billing Server Administrator
2000 - 2002

Responsibilities:

LAN Administration and Security and Billing and Client Site Servers

Achievements:

Security and operation with availability greater than 95% of ARNET Billing servers and customers site (www.arnet.com.ar).

Telecom Soluciones (At the service of GLD Consultores), Buenos Aires, Argentina
ARnet SAC and intranet server manager
2000

Responsibilities:

Implementation and maintenance of COM components MTS of the SAC system. and ARnet intranet.

Achievements:

Implementation and maintenance of both systems.

Telefónica de Argentina (At the service of Meta4), Ciudadela, Argentina
Job Title: Project leader of web Development.
1999 - 2000

Responsibilities

Leader of customizations of module of labor changes and payroll.

Achievements:

Modification of the Meta4 Workflows engine to adapt it to the HR needs of Telefónica de Argentina (Meta4, Oracle).
Arming of work team for the module of Labor Changes
Satisfactory and timely implementation of all job change needs in the module

Telecom Soluciones (At the service of GLD Consultores), Buenos Aires, Argentina
Senior Analyst in database migration MCIS1 to MCIS2
1999

Responsibilities:

Implementation of processes and post controls to carry out the migration.
Control and customization of COM components (Visual Basic 6, MS SQL 6.5, ODBC / RDO, ADSI, ASP).

Achievements:

Successful migration of MS SQL Server databases

Massalin Individuals - Philip Morris (At the service of GLD Consultores), Merlo, Argentina

Job Title: Project leader of web Development.

1999

Responsibilities:

Management of project management of advertising elements in points of sale (Visual Basic 5, Crystal Reports 5.0, MS SQL 6.5, ODBC / RDO).

Achievements:

Implementation in time and form of the project

Massalin Particulares - Philip Morris (At the service of GLD Consultores), Merlo, Argentina

Business Analyst

1997 - 1999

Responsibilities:

Design and development of variable remuneration system (Visual Basic 5, Crystal Reports 5.0, MS SQL 6.5, ODBC / RDO).

Design and development of merit assignment system (Visual Basic 5, Crystal Reports 5.0, MS SQL 6.5, ODBC / RDO).

Achievements:

Creating APIS and classes for the system.

Implementation of both projects

Argentine Institute of Diagnosis (At the service of GLD Consultores), Buenos Aires,

Argentina

Network and communications manager

1997.

Responsibilities:

Design and implementation of TCP network based on NT4 servers. (TCP IP, Windows Server NT4)

Achievements:

Implementation of the network and configuration of servers.

Institute of Financial Assistance of the Army (To the service of GLD Consultores), Buenos

Aires, Argentina

Senior analyst

1996

Responsibilities:

Design and development of Integral Security Management System for Applications. (Visual Basic 4, RDO, Crystal Reports, SQL Server 6.5)

Development of classes for Capitalization System of the Voluntary Military Service. (Visual Basic 4, RDO, Crystal Reports, SQL Server 6.5)

Achievements:

Successful implementation of both systems.

Telefónica de Argentina (To the service of GLD Consultores), Buenos Aires, Argentina

Senior analyst

1995 - 1996

Responsibilities:

Development of measurement system. (Visual Basic 3, Crystal Reports, Sybase SQL)

Achievements:

System implementation.

ESSO SAPA (In the service of GLD Consultores), Buenos Aires, Argentina

Senior analyst

1994 - 1995

Responsibilities:

Configuration and start-up of the oil spill simulator from ASA Software

Achievements:

Loading information from ocean charts and setting up the system.

ESSO SAPA (In the service of GLD Consultores), Buenos Aires, Argentina

Senior Analyst

1992

Responsibilities:

Maintenance of the Volumetric System of Refinarpia (Nomad, Mainframe)

Achievements:

Maintenance of the balance system
Generation of reports and information.

ESSO SAPA (In the service of GLD Consultores), Buenos Aires, Argentina

Senior Analyst / Senior Analyst

1989-1994

Responsibilities:

Loading and analysis of traffic information, loading, unloading and navigation of the entire fleet
Generation of support reports to the decision (Nomad)
Design, development and maintenance of data loading system for ships (Dbase III plus /
Foxbase)
Design and development of heuristic system for validation of information,

Achievements:

Implementation of loading systems on ships.
Decrease from 15 days to 2 days of the validation work of the information prior to the upload to
the Mainframe.
Support the decision of the traffic management for 5 years by issuing ad-hoc reports on fleet
transactions.

EDUCATION

Knowledge in technology

Linux: Debian Servers - Red Hat Advance Server, OpenShift.
Unix / Solaris .
Docker, XEN, KVM and other virtualization technologies.
Oracle OSB 12, coherence, .
Weblogic / AquaLogic / Integration.
NodeJs, Redis, graylog, elastic search

IBM DataPower, xslt, Api Management
Soa/rest/xml/xslt development technologies
Development technologies (.net, php, python, JavaScript, Svn/git)
Oracle 12, Administration, index tuning, performance.
MySQL/MariaDB
SQL Server, transactSQL, tuning and performance.
Analysis Services, OLAP, MDX.
Transact-SQL/PL SQL, Stored Procedures.
Fine-Tuning, Capacity Planning.
DB2
Windows Server. AD, Network Management NT, LAN, WAN, Domains
Networking TCP / IP / IPSec, Configuration, Security, Firewalls, VPNs.
Security Iptables, Protocols TCP / IP, LDAP, ADSI
Asterisk VoIP , IAX2, SIP
MS. Project

Certifications in technology

Linux College, Instructor of the "Linux" and "Advanced Security in Linux" races, Years 2005 -2011
National Technological University, Delta Regional College, University Extension, Cisco Delta Academy, Oracle II, III and IV DBA course Instructor, Year - 2005
National Technological University, Delta Regional College, University Extension, Cisco Delta Academy, Enterprise Security & Risk Instructor I and II, Years 2004 - 2005
Microsoft Certified Systems Administrator, Microsoft Windows 2000, Mar 06, 2003
Microsoft Certified Database Administrator, Microsoft SQL Server 2000, May 02, 2002
Microsoft Certified Professional, Oct 29, 1997

Research Background

UBA Science and Technology, Researcher Cat. 4 (2001-2019)

PhD in progress:

Application of Artificial Intelligence algorithms (Bayes Net) in Psychopathological Diagnosis

Formal Education

University of Buenos Aires, Autonomous City of Buenos Aires
Graduate of Psychology
1989 - 1993
Professor in Psychology in Middle and Higher Education
1994 - 1996

LANGUAGES

English: Reading, writing, conversation (10 years)

French: Reading, writing, conversation (5 years)

Italian: Reading, writing (2 years)
