MARCOS MORALES RODRIGO

IT and Software Developer

0406 525 061

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Australian Permanent Resident

**KEY SKILLS**

**Programming languages**

* HTML5/XHTML
* CSS/CSS3
* JavaScript
* PHP/ASP
* VB/C#.NET
* Python/R
* Java/JSE/J2EE
* Basic, Visual Basic 6, Visual FoxPro 7
* C, C++
* Bash and Shell
* SQL / T-SQL

**Web site and web app development (full stack)**

* Server side rendering
* Client side RIA
* Two way binding
* Reactive techniques
* Templating
* Responsive design
* Material design
* Touch friendly design

**Technologies, Frameworks and SDKs**

* .NET framework, DevXpress
* Android SDK
* jQuery / ExtJS
* OAuth / OAuth2
* Knockout / Backbone
* Angular / Angular2
* ReactJS
* Bootstrap / MDL
* RDBMS / ODBMS / NoSQL
* Phonegap / Ionic / Framework7
* SOAP / XML / JSON / WebApp2
* Jinja / Ferris
* Nodejs / npm / pip

**Desktop development**

* Ms Window
* Linux
* Mac
* Mobile development
* Advanced
* Android
* Windows Phone
* iOS
* Data scientist, data analysis and data warehousing
* SQL / T-SQL/Stored Procedures
* Monitoring tools
* SQLite/MySQL / MariaDB/SQL Server
* XML/JSON
* SpreadSheets
* Plain and Sequential files
* R analysis
* Plot presentations
* Python data analysis (PANDAS)

**IDEs and version control tools**

* Ms Visual Studio
* JetBrains/Eclipse
* PowrShell
* Sublime/Atom
* GitHub/BitBucket
* Jira
* CVS/SVN/Mercurial/Git

**Methodologies**

* Waterfall/Agile/SCRUMM
* Basic Project management/Team management/Prince2
* Feature Driven Development/Test Driven Development

**Server admin and Database admin systems**

* Ms Windows
* Linux / Unix
* Mac OS
* Novell Netware
* Active Directory / ldap
* CouchDB/VistaDB/MongoDB
* ndb/Big Query/NoSQL
* LAMP/WAMP/MEAN
* Apache/nGinx/IIS
* Docker/Virutalization
* MySQL / MariaDB/SQLite/SQL Server

**Hardware and networking skills**

* Hardware config, admin and fixing
* Architecture design
* Networking
* Cable and topology structures
* VoIP/Phone systems
* Router configuration/Firewall/Frame Relay/VPN
* Domain configuration and administration

**EDUCATION**

**Developer Programmer Superior Diploma (ANZSCO Code 261312)**

*Australian Computer Society*

**Data scientist, data analysis with R**

*Self motivation, Coursera (John Hopkings University)*

UI/UX and Front end development

*Indra Software Lab, SL*

**Android Mobile Development Master Course**

*Self motivation, Master D online learning*

Java and J2EE

*Self motivation, Triparty Foundation*

MVC with ASP.Net

*GAE Informática, SA.*

Ms SQL Server Administration and Tunning

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Ms SQL Server Administration and Tunning

*GAE Informática, SA.*

Payroll and payslip calculation

*Self motivation, Triparty Foundation*

Linux System administration

*Self motivation, Linux ORG*

3D Design and development with 3D Studio Max

*Self motivation, Professional Training and Skills Don Benito*

Bintec router config and administration

*SET ici, SL*

SELT@ PBX/IPX VoIP / Asterisc config and administration

*SET ici, SL*

**Superior Professional Degree on IT Systems Administration**

*IES Suárez de Figueroa (Zafra, Badajoz, Spain)*

**EXPERIENCE**

**Focus Products**

Software Developer

*From February 2013...*

Desing, develop, maintenance and assistance of the own software system.

Technologies:

Python, CSS3, LESS, SASS, HTML5, JQuery, Knockout.js, Bootstrap, Angular, Polymer, Google APP Engine and many other Google APIs and services.

Synopsis:

Focus products has their own very large system developed as a web application including services as staff maintenance, assets, water analysis, live connection with analysis devices and instant report generation, customer services, field services, job scheduling, invoicing system connected with third party RestFul APIs like XERO, Vend, MYOB... stock tracking and control, marketing campaigns connected with third party services by RestFul APIs like Twillio and MailChimp, and much, much more. It is mostly a big custom CRM/ERP perfectly designed for the area of spa & pool maintenance (covering all the needs for this purpose) and water analysis.

**Freelance + Smooth Symmetry**

Design, develop and maintain of websites, SEO configuration

From September 2012 to February 2013

Desing, customization, develop and deploy new web sites and web applications.

Technologies:

HTML5, CSS3, JQuery, PHP, MySQL... mostly web applications and websites.

Synopsis:

Desing, customization and develop of web sites and web applications for very different sort of customers. Configuring SEO and marketing campaign traking using Google Analytics.

**Indra Software Labs**

Senior software developer, UX/UI and software architect, Project architecture advisor

From September 2011 to September 2012

Design and develop of software. Bring assistance and advice to other software project teams.

Technologies:

Java EE, Hibernate, MyBatis, Elastic Server, Json, ExtJs, JQuery, CSS3, HTML5, Struts, Spring...

Synopsis:

Different products for very different environments. Software solutions for big companies using outsourcing systems developing most of the time in quite big teams in different layers of the application: back-end, front-end, design, architecture... and even inducting new staff into new software technologies.

**GAE Informática, S.A.**

Senior developer, Project Analysis and Project Leader

From May 2006 to September 2011

Analysis, develop and maintenance of software. Service and assistance.

Technologies:

Visual Studio, SQL Server, Visual SourceSafe, DotNet platform (VB and C#)

Synopsis:

Most of the products are developed in vb.net & C#. Accounting, store control, factory management, legal, payment, client, selling, POS, industry traceability...

**SET ici, S.L.**

Field technician, networking, junior development, senior development

From March 2003 to May 2006

Analysis, develop and maintenance of software for customers. Post selling service and assistance.

Technologies:

VB6, Visual Fox Pro 7, HTML, JavaScript, ASP 3, PHP 3, MySQL 4, C, C++, GTK+, Linux...

Synopsis:

At the beginning the company was developing almost everything using Visual Fox Pro, but when I land there I introduced new ideas as build client-server systems using web technologies. The final product was a big all-in-one web application developed using HTML + JavaScript + PHP + MySql. Some of the features were accountant, warehousing and stock control, product developing tracking, item tracking... mostly a CRM/ERP in itself.

**PuntoNet Informática, S.L.**

Field technician, hardware repair, shop attendant

From June 2002 to March 2003

Customer assistance, hardware assembler ∧ maintenance

Synopsis:

Was my first job, in a small local PC shop surrounded by hardware components and most of the time attending customers and their issues. Selling, building networks, assembling and maintaining PCs and other hardware devices.