MARCOS
Morales Rodrigo

Senior software developer
product analyst/owner
project & team leader
technical leader/consultant

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who am I?

My name is Marcos Morales Rodrigo. I am a senior software developer born in Spain in 1982. I speak Spanish (as it is my mother language), Portuguese (I used to live by the border between Spain and Portugal) and English (I have accredited advanced IELTS - C1/7.5). I have full rights to work freely anywhere in Australia as I am Australian Permanent Resident with no limits and the intention to get my citizenship.

I can describe myself as a highly polivalent IT professional, serios with my work, reliable, motivated, creative, greatly experienced and skilled with superior attention to detail and proficent comunication skills to handle all the stakeholder intercomunications needs.

I have been working in many different industries, companies and bsinesses adapting myself, acquiring new knowledge during the time and always, very soon, disrupting the place and methodologies to push it further with my analytical, creative and fresh point of view.

The IT industry has been my natural environment for many years and that has given me the experience and ability to create, improve and learn always the cutting edge technologies using the most modern methodologies, tools and skills.

I am the kind of worker that always achieve results, aware about the deadlines, in the best way possible whenever it is within a team, leading it or by myself. Obsessed with perfection, scalability and usability of the final product and project I am involved, givin the final user the best service possible.

contact details ✉

would you like to contact me?

@ supermarcos@gmail.com

🌐 www.supermarcos.net

📞 (+61) 0406 525 061

in https://au.linkedin.com/in/marcosmoralesrodrigo

education...

what have I (officially) studied?

These are the certifications, degrees and titles I hold. Obviously these are not the only ones I have, but they are the ones that are, somehow, officially accredited.

2015 — **Developer Programmer Superior Diploma**
ANZSCO Code 261312

2015 — **Data Scientist, Data Analysis with R**
Self motivation, Coursera (John Hopkings University)

2012 — **UI/UX and FrontEnd Development**
Indra Software Labs

2011 — **Android Mobile Development Master Course**
Self motivation, Master D online learning

2010 — **Java and J2EE**
Self motivation, Triparty Foundation

2009 — **MVC with ASP.net**
GAE Informática, S.A.

2008 — **Ms SQL Server Administration and Tunning**
GAE Informática, S.A.

2007 — **Payroll and payslip calculation**
Self motivation, Triparty Foundation

2006 — **Linux System Administration**
Self motivation, Linux ORG

2005 — **3D Design and Development with 3d Studio Max**
Self motivation, Professional Training and Skills Don Benito

2004 — **Bintec Routing Configuration and Administration**
SET ici, S.L.

2003 — **SELT@ PBX/IPX VoIP / Asterisc Config and Admin**
SET ici, S.L.

2002 — **Superior Professional Degree on IT Systems Administration**
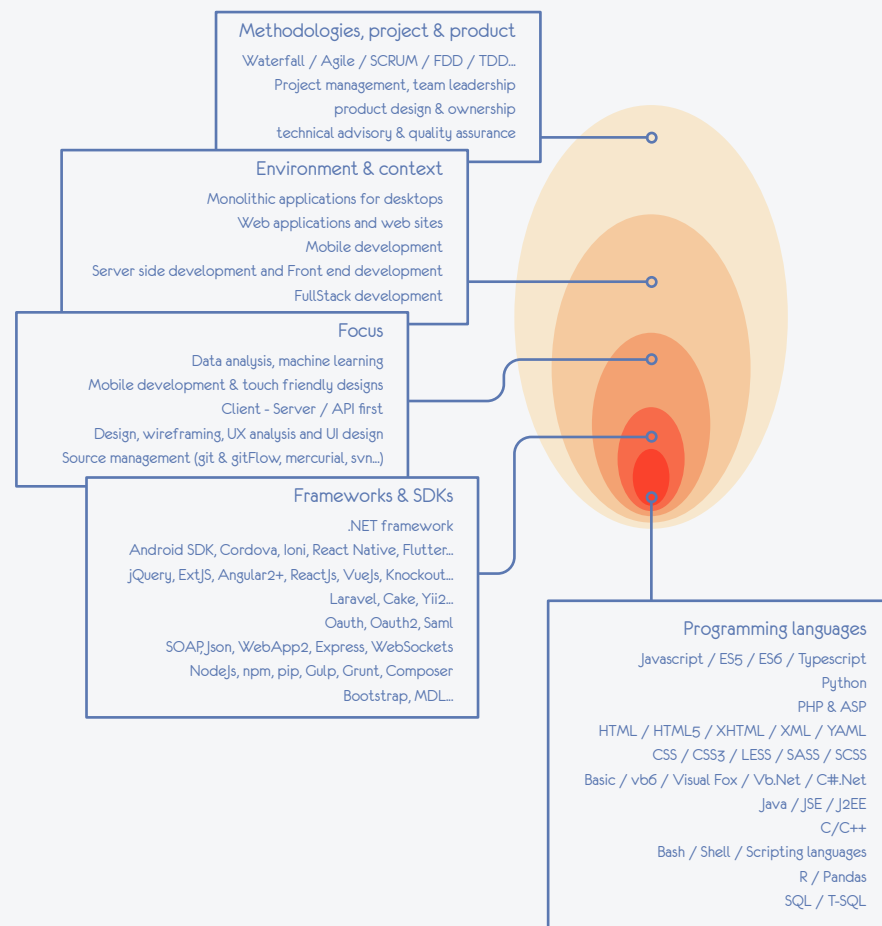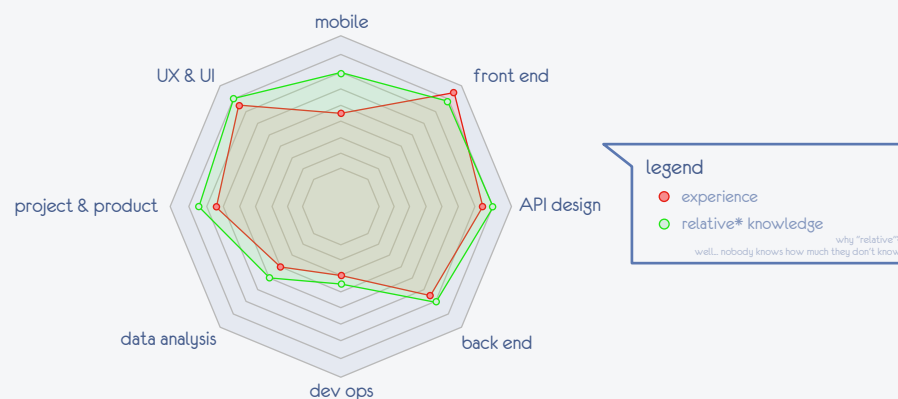IES Suárez de Figueroa (Zafra, Badajoz, Spain)

skills...

what about my skills?

It's hard to explain and list everything that I've learned and used on my career. There are so many skills, so many different programming languages, methodologies, techniques, platforms, frameworks, services... here are some easy to visualize diagrams to resume them:

tools, methods, techniques...

Methodologies, project & product
Waterfall / Agile / SCRUM / FDD / TDD...
Project management, team leadership
product design & ownership
technical advisory & quality assurance

Environment & context
Monolithic applications for desktops
Web applications and web sites
Mobile development
Server side development and Front end development
FullStack development

Focus
Data analysis, machine learning
Mobile development & touch friendly designs
Client - Server / API first
Design, wireframing, UX analysis and UI design
Source management (git & gitFlow, mercurial, svn...)

Frameworks & SDKs
.NET framework
Android SDK, Cordova, Ioni, React Native, Flutter...
jQuery, ExtJS, Angular2+, ReactJs, VueJs, Knockout...
Laravel, Cake, Yii2...
Oauth, Oauth2, Saml
SOAP, Json, WebApp2, Express, WebSockets
NodeJs, npm, pip, Gulp, Grunt, Composer
Bootstrap, MDL...

Programming languages
Javascript / ES5 / ES6 / Typescript
Python
PHP & ASP
HTML / HTML5 / XHTML / XML / YAML
CSS / CSS3 / LESS / SASS / SCSS
Basic / vb6 / Visual Fox / Vb.Net / C#.Net
Java / JSE / J2EE
C/C++
Bash / Shell / Scripting languages
R / Pandas
SQL / T-SQL

strengths

Radar chart axes: mobile, front end, API design, back end, dev ops, data analysis, project & product, UX & UI

legend
● experience
● relative* knowledge

why "relative"?
well... nobody knows how much they don't know

experience...

Road Map
specific new features
general enhancements

very stable version
highest performance
multitasking prod. focused

current

v6.5

applying new tools
pushing forth old systems
renovated energy

v6.1

multitasking
leading a sparse team
.NET refresh and consulting

v6.0

team and agile oriented
ultimate self guidance
Javascript mastering
data representation madness

v5.5

robustness improvements
lots of bug fixing
resilence to stress and
unnecesary meetings

v5.0

massive improvements
on reliability and multipurpose
use of the platform

more...

what have I done (so far...)?

My experience is vast and diverse. I've worked for many different industries such food factories implementing automatic health tracking systems, desktop applications for accounting, taxation and payroll systems, mobile applications, IoT applications, web apps for CRM and/or solar panel performance monitoring, web design for different companies, UI/UX and Agile advisory and implementation, frontend and backend development, change advisory, technical leadership, product owner, mentoring, large and complex data analysis representation, education systems...

FullStack Developer for Focus Products
Jun 2020 - current - (full-time)

Back in Liqua project, leading most of the development inside an out, back and front, preparing, designing and developing new methodologies, protocols and the roadmapping the implementation of new technologies applied to the old system already in place. Working heavily with python, Google services and tools, Google Cloud Platform, Vue3, Vite, Storybook, Firebase... etc

Lead FullStack Developer for Zeal Systems
Jan 2020- Jun 2020 - (full-time)

Senior FullStack Developer for DHI Group / SeaPortOPX
Jan 2019 - Dec 2019 - (full-time)

As a Senior FullStack Developer I very often jump from different layers of the tech stack to help out when deliveries are too tight for other members of the team, learning on the way a bit of engineering madness, heaps of calculation with MathLab and its application into C# microservices. In a couple of months, when I was finally given the opportunity to unleash my full potential on frontend development, I redesigned and implemented a new and incredibly robust technology stack on React to set the foundations for the new generation of SeaPort core business model. Mentoring junior devs and implementing Agile.

Senior FullStack Developer for MOVUS
Jul 2018 - Dec 2018 - (full-time)

Hired as Senior Fullstack Developer but mostly working within the web and mobile team developing mobile applications for supporting the business model and IoT devices onboarding, creating dashboards, ensuring high quality and reliability products, working towards very short deadlines and sprints. Lots of dev QA, unit testing coverage, automation testing experimentation... mainly using ReactJs and React Native technologies with a bit of BI reporting with PowerBI and other integrations.

Analyst/Developer for CQUniversity
dec 2017 - Jun 2018 - (full-time)

Hired as experienced Analyst/Developer, my tasks have been so far very diverse from programing and coding to implementation, deployment, dev QA, technical leader, change management and advisory, turning myself in some kind of senior mentor for young workforce and, sometimes, acting as product owner or internal consultant.

experience...

previous experience...

Fullstack developer for Brown Paper Bag
jun 2016 - nov 2017 - (full-time)

v4.0

platform compatibility
new features on backend
revamped frontend

As a fullstack developer, my tasks were analysing, designing and developing from the ground up an education project for schools about Sustainability and Renewable Energies. Most of the front-end was developed by myself and some parts on the back-end. We used Laravel php, C#, Angular 2+, AWS, lambda and serverless, data analysis...

Fullstack developer for APN/ARN
mar 2016 - jun 2016 - (full-time)

v3.5

better performance
enhanced project management
new team-focused features

For the brief few months I worked for APN, I had the oportunity of mostly leading front-end development mentoring a junior front-end developer. I worked also as back-end developer using python when required and briefly as a mobile developer. Unfortunately, the project was closed and APN was bought by NewsCorp.

Software and web developer for Focus Products
Feb 2013 - mar 2016 - (full-time)

v3.0

higher quality control
bumped version management
massive platform reengineering

Leading several modules within the huge CRM/ERP system, I analysed and developed parts as virtual printers, water analysers, reporting and statistics systems, on field scheduling service systems, others tasks performed included data analysing, data migration, remote assistance and end user support. Mainly working with python, knowckout and Google Cloud Platform services.

Head Developer for Smooth Symmetry
oct 2012 - feb 2013 - (part-time / freelancing)

v2.5b

multitasking without team
resource management
new reliability implemented

Senior Software Developer for Indra Software Labs
aug 2011 - sep 2012 - (full-time)

v2.5

new project compatibility
enhanced mulstitasking system
mentoring and advice features

At the begining I was a Senior Developer, but soon I was moved to the UX/UI core team for the whole factory (400+ employees), in a couple of months I was promoted to help, advice and bring support for architecture design and development for different projects across the company.

Senior Software Developer / Analyst for GAE Informática
may 2006 - aug 2011 - (full-time)

v2.0

fast response implemented
new platform developed
software focused enhanced
first massive fork

Leading the analysis and development of software design for professional services as accounting, taxation, Social Security and payroll/payslips calculation. I also developed many internal systems for version control, package and deployment, support tracking systems by tickets and the implementation of new methodologies within the company.

Technician and Junior Software Developer for SET ici
feb 2003 - may 2006 - (full-time)

v1.0

stable version released
faster delivery system
new multitasking features

Hardware, technician, sysadmin for PuntoNET Informatica
jun 2002 - feb 2003 - (full-time)

v0.1

customer focused version
hardware cursing mitigation
networking and sysadmin

origin