



# RAFAEL SAN VIDAL HIDALGO

## Software Developer

Nationality: Spain (EU)

D.O.B: December 29<sup>th</sup> 1973

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## QUALIFICATIONS SUMMARY



### Quality Programming

Providing high-performance, reusable, scalable and easily maintained software solutions, inspired by clean code with good programming concepts and design patterns.



### Agile Methodologies

Practicing and chasing new knowledge about agile methodologies, especially Scrum and XP.



### Software Development Projects

Expert in Java and .Net development.

Actively involved in the process of gathering key business requirements with stakeholders, for designing, developing and implementing large-scale projects.



### Always Learning

Attending Software development events and conferences, and reading Software development books for being updated with the latest trends of this alive and creative science.

## EDUCATION

### TECHNICAL ENGINEERING IN COMPUTER SYSTEMS

Universidad Politécnica de Madrid

## LANGUAGES



Spanish: Native



English: A2/B1

## PROFESSIONAL EXPERIENCE

### Becton Dickinson and Company Nov. 2005 - Present

#### Software Developer

- ✓ Involved in agile methodologies (Scrum, XP), Continuous Integration, Clean Code, Good Practice Patterns Design, Testing and Refactoring for providing software solutions to customers related with the Healthcare sector.
- ✓ Programming Java technology:
  - RCP / RAP (Rich AJAX Platform)
  - IBM Rational
  - Spring MVC, Spring Boot, Spring Data JPA, Spring Security, JWT, Spring AOP, Thymeleaf Engine, Eureka Netflix, Feign, Ribbon, Hystrix, Gateway Zuul, Spring Cloud Server Config, Flyway
  - Java 8: Lambda Expressions, functional expressions, Stream
  - Angular, Typescript, Socket.io, HTML5, CSS3, Bootstrap
  - Python / Django /
  - IBM PureQuery
  - SOAP (Apache Axis2, Apache Cxf, ws-\*) / RestFul (Spring, Jersey, Apache Cxf)
  - Maven, Jenkins, Nexus, Sonar, Git
- ✓ .NET Programming:
  - Visual Studio / C# / Net Core /
  - DDD / N-Layer
  - ASP.NET MVC / ASP.NET core / Thymeleaf / Razor
  - WPF / Windows Forms / WCF
  - Entity Framework
- ✓ Areas:
  - Integrations: Mirth, Symphonía, ws/sockets, ASTM/HL7/RFID Protocol
  - Application Server: IIS, Apache Tomcat, Wildfly, IBM Websphere, Oracle WebLogic
  - Database Design and Management: Oracle, SqlServer, MySQL, DB2, Informix
  - Infaimon Common Vision Blox API, Abbyy Technology Recognition
  - Business Intelligence: IBM Cognos

### Omnibona S.L. Nov. 2014 – Dec. 2015

#### Software Developer

- ✓ Software Development in Startup. Design and development of application (web and mobile) about healthy habits, nutrition and exercise in game mode.
- ✓ Programming NET technology:
  - ASP.NET MVC, HTML5, CSS3, Bootstrap. Javascript, Razor Engine
  - JQuery UI, JQuery Touch, Hammer.js
  - Entity Framework / LINQ / SQL Azure
  - Visual Studio, Windows Azure

### Oesia Aug2003 – Oct2005

#### Software Developer

- ✓ Software Development in Healthcare, Public Services and mobile sectors
- ✓ Customers:
  - Mercado de Comisión de las Telecomunicaciones (CMT)
  - Telefónica Móviles España
  - Hewlett-Packard, Siemens (Healthcare)
  - Administraciones Públicas (Diputaciones y Aytos.)
- ✓ Technologies:
  - NET (C#)
  - Database Management (Oracle, Informix Dynamic Server, SQL Server, MySQL)

### Easynet España S.A. Aug. 2003 - Sep. 2003

#### Support Technical

## ABOUT ME

My hobby for computers began when my parents gave me a ZX Spectrum 48K computer (I keep it even today), I was only a teenager. Once I began with the Basic Language in the ZX Spectrum computer, I enrolled in an academy of computer science. And from that time until today, I have not separated from the programming, Uppss!

But hey, I'm not a freak, I have common hobbies too: Cinema, Astronomy, Reading, Family, Football, Running and Tracking.

## TRAINING

**L'Oreal** Jan. 1998 – Jul. 2003

### SAP Key Business

- ✓ *Business Analyst in SAP Project based in FI, CO and MM Modules*
- ✓ *Tasks:*
  - *Business Analyst in MM module*
  - *Project Planning, Design and Implementation of this module*
  - *Integration with FI and CO Modules*
  - *Reports Development, ABAP IV Programming*

### Software Developer

- ✓ *AP: Programmer Analyst in Information Systems Department with over 20 programmers*
- ✓ *Tasks:*
  - *Getting requirements with stakeholders*
  - *Planning, designing and implementing products in the production environment*
  - *Working in integrations between AS/400 and IBM Aix systems*
  - *Management Applications (Accounts, Purchasing Department)*
  - *2000 Project and Euro Project*
  - *C/C++, RPG ILE, 4GL, AS/400, IBM Aix, Oracle, Ingres*

**Ministerio de Asuntos Exteriores** Jan. 1998 – Jun. 1998

### Software Developer

- ✓ *Designed and built a application to manage diplomatic passports*
- ✓ *Tasks:*
  - *Passports Management Project*
  - *4GL Language / Ingres Database*

### Currently and soon

- ✓ *TDD con Java y Junit. Udemý*
- ✓ *Ionic (app) y Net Core (backend). Udemý*
- ✓ *Go / Golang desde las bases. Udemý*
- ✓ *Montar un cluster Hadoop Big Data. Udemý*
- ✓ *Dart & Flutter. Udemý*
- ✓ *Amazon AWS. Udemý*
- ✓ *Laravel y vue.js avanzado. Udemý*
- ✓ *Vue.js. Udemý*
- ✓ *Java8. Programación funcional y expresiones Lambda. Udemý Sep19*
- ✓ *Microservicios con Spring Boot / Netflix Eureka. Udemý Sep19*
- ✓ *Desarrollo de videojuegos con Unity 5. Udemý Jun19*
- ✓ *Mi primer videojuego con Unity. Udemý Jun19*
- ✓ *API RestFul con Laravel. Udemý May19*
- ✓ *Dominando Laravel. De principiante a expert. Udemý May19*
- ✓ *Programación Android con Kotlin + Firebase + Google. Udemý. Abr19*
- ✓ *Machine Learning. Udemý Mar19*
- ✓ *Programación Python para Machine Learning. Udemý. Feb19*
- ✓ *Curso de Django. Udemý Ene19*
- ✓ *Curso de Python 3. Udemý Ene19*
- ✓ *Implementación de soluciones en Microsoft Azure. Udemý Nov18*
- ✓ *React + Redux. Udemý. Sep18*
- ✓ *Python + Django. Udemý Jul18*
- ✓ *Desarrollo de dApps en la blockchain de Ethereum. Udemý Jun18*
- ✓ *Introducción a blockchain. criptomonedas y Ethereum. Udemý Jun18*
- ✓ *Xamarin Forms y Azure. Udemý Mar18*
- ✓ *Angular 6 avanzado. Udemý Ene18*
- ✓ *Curso avanzado de Docker. Udemý Ene18*
- ✓ *Spring Framework 5. Udemý Ene18*
- ✓ *Persistencia de datos con Java. Hibernate + Spring JPA. Udemý Ene18*
- ✓ *ASP.NET Core MVC. Udemý Nov17*
- ✓ *Curso de iniciación a Haskell. Udemý Sep17*
- ✓ *Xamarin. Build Android and IOS Apps. Udemý May17*
- ✓ *Servicios con WCF. Udemý Apr17*
- ✓ *Git + GitHub. Udemý. Mar16*
- ✓ *Desarrollo web con Js, Angular, Node y MongoDB. Udemý Apr16*
- ✓ *SEO para WordPress. Udemý Feb15*
- ✓ *Aprende a triunfar con SEO. Udemý Feb15*
- ✓ *Community Manager, Redes Sociales. HP Formación May14*
- ✓ *Marketing 2.0. Grupo Fides21 Mar13*
- ✓ *Team Building. Gestión de Liderazgo. Grupo Fides21 Dec13*
- ✓ *Ibm Rational V7. Clearcase, Soa, Business Modeler Sep06*
- ✓ *Ibm Rational. ClearCase, Soa, Bussiness Modeler Sep06*
- ✓ *Ibm DB2 Sep06*
- ✓ *Infaimon Sherlock. Vision Artificial May06*
- ✓ *Infaimon CVB. Vision Artificial May06*
- ✓ *Gestión De Proyectos. Oesia 160h. Jan05*
- ✓ *Programación Visual C++. Oesia 40h. May04*
- ✓ *Administración Sql Server. Sunion Gesfor 40h. Nov03*
- ✓ *Programación Java. Oesia 40h. Oct03*
- ✓ *Optimización Oracle 8i. MR Informática 80h. Jun03*
- ✓ *Pl/Sql. Dayfisa 40h. Apr03*
- ✓ *Xml. Ibm Learning 30h. May03*
- ✓ *Administración Oracle. Dayfisa 40h. May03*
- ✓ *Macromedia Flash. Ibm Learning 30h. Mar03*
- ✓ *Ingeniería De Software. Sunion Gesfor Jan-Mar03*
- ✓ *Sap MM : Verificación De Facturas. Sap España 25h. Oct02*
- ✓ *Programación Avanzada Java. Ibm Learning 25h. Apr02*
- ✓ *Administración Aix Versión Iv. Ibm Learning 30h. Apr02*
- ✓ *Programación Avanzada Rpg IV (AS/400). Ibm Learning 50h. Feb02*
- ✓ *Programación Java. Gesein 100h. Feb - Apr01*
- ✓ *Cobol – Cics – Db2. Cap Gemini 160h. 1999*
- ✓ *Técnico En Sistemas Unix / Oracle. Sunion Gesfor 350h.1998*
- ✓ *Microinformática. Academia Teide 300h. 1998*

# KNOWLEDGE

(\*) Expert

## Programming Languages

4gl / Cobol / Pascal / RPG  
Abap IV  
Bootstrap / Sematic IU  
C# / C++ (\*)  
ECMAScript6  
Erlang  
Flutter  
Go  
Groovy / Grails  
Haskell  
Html5 / Css3  
Java (\*)  
Javascript (\*)  
Typescript (\*)  
Jquery (\*)  
Go / Golang  
Kotlin  
Oracle pl/sql  
Ruby / RoR  
PHP / Laravel / Eloquent /  
Composer (\*)  
Python / Django / Tastypie  
Scala  
Zepto

## .NET

ASP.NET MVC / ASP.NET Core (\*)  
WPF / Windows Forms (\*)  
Entity Framework (\*)  
WCF (\*)  
Xamarin (\*)

## Java MVC Frameworks

Spring MVC (\*)  
JSF

## Java Persistence Frameworks

Spring Data JPA / HQL / QueryDSL  
(\*)  
Hibernate / HQL / Criteria (\*)  
MapStruct / Dozer  
IBM PureQuery  
Oracle TopLink  
Ibatis SQL Maps

## Java AOP Frameworks

Spring AOP / AspectJ / Jboss AOP

## Spring Framework

Spring MVC (\*)  
Spring Boot (\*)  
Spring Data JPA (\*)  
Spring Security (\*)  
Spring AOP (\*)  
Spring Cloud Config Server (\*)  
Spring Webflux (\*)

## Microservices

Eureka NetFlix (\*)  
Hystrix (\*)  
Eureka Ribbon (\*)  
Eureka Zuul (\*)

## Development Tools

IBM Rational (\*)  
Eclipse (\*)  
Visual Studio (\*)  
Visual Code (\*)  
Atom (\*)  
Sublime Text (\*)



## Testing

Nunit / NUnitForms (.NET)  
RhinoMock / TypeMock / Moq  
(Mock .NET)  
Junit (Java)  
Mockito / EasyMock / JMock  
(Mock Java)  
Mocha / Jasmine / Protractor /  
Istanbul (js)  
Karma (browser test runner)  
Selenium



## Node

Express.js  
Restify.js  
Socket.io  
Mongoose.js  
Mongo.js  
Npm (Node Package Manager)

## JavaScript MVC Frameworks

Angular / Ionic  
React  
Vue  
Backbone  
Ember  
knockout

## Web Tools

WebPack  
YeoMan (Yo, Grunt, Bower)  
Gulp  
JQuery Mobile  
Alpaca Forms  
Modernizr (HTML and CSS tool)  
H5BT (HTML5BoilerTemplate)  
Stylus / Sass / Less (Preprocessor  
CSS)  
Thymeleaf  
Razor Engine  
Handlebars  
Jade  
Polymer



## Mobile Frameworks

Apache Cordova / Phonegap  
AppAcclerator Titanium  
Sencha Touch  
GeneXus



## Relational Databases

Oracle (\*)  
SQL Server (\*)  
MySQL / MariaDB (\*)  
Postgres  
IBM DB2 (\*)  
Informix Dynamic Server (\*)  
CA Ingres  
Intersystems Cache  
Sap Sybase  
SQLite



## NoSQL Databases

MongoDB  
Apache Cassandra  
Redis  
Memcached  
Apache CouchDB  
Apache HBase  
DB4O

## Big Data / BI

Google Bigquery  
ElasticSearch  
Hadoop / MapReduce  
Apache Spark  
IBM Cognos  
Talend

## Cloud Computing

Windows Azure  
Amazon S3 / EC2  
Google Cloud Platform  
Google Firebase  
Heroku  
Nodester

## Environment / OS

Windows  
Linux: Solaris, Ubuntu, Debian,  
RedHat, Suse  
IBM Aix  
AS/400  
SAP R/3



## Application Servers

IIS  
Apache Tomcat  
Wildfly / Jboss  
IBM Websphere  
Oracle WebLogic  
Jetty  
Nginx



## Integrations

Mirth (\*)  
Symphonia  
ASTM / HL7 / RFID Protocol (\*)  
Apache CXF  
Apache Axis2  
Jersey  
GraphQL  
Apache Mina / Netty



## Methodologies & Specifications

Scrum / Kanban  
Clean Code (\*)  
SOLID principles (\*)  
GOF Patterns (\*)  
DDD (Domain Driven Design)  
TDD(Test Driven Design)  
BDD (Behavior Driven Design)  
UX (User Experience)  
Reactive Programming



## Continuous Integration

TFS (\*)  
Maven  
Gradle  
Jenkins (\*)  
Travis CI  
Nexus OSS

## Source Version

Git / Github / GitLab / BitBucket  
(\*)  
Mercurial  
CVS / Subversion (\*)  
IBM Rational ClearCase (\*)



## Project Tools

Sonar Qube  
Enterprise Architect / StarUML  
Atlassian Jira  
RedMine

## Containers / Virtualization

Docker  
Kubernetes  
Vagrant  
VMWare  
Oracle VirtualBox

## Recognition Applications

Abbyy Technology  
Infaimon Common Vision Blox

## OpenSource Applications

Wordpress  
Joomla  
OsCommerce

## IoT

Arduino

## Blockchain

Solidity  
Go Ethereum & Geth (Go  
Language)  
Parity  
Ganache-cli / testrpc  
Web3.js  
Wallets: Mist, Parity,  
MyEtherWallet, MetaMask  
Truffle  
Remix

## Message-queuing tools

ActiveMQ  
Apache Kafka  
NServiceBus  
RabbitMQ

## Automation tools

Ansible  
Chef  
Puppet  
Terraform