



RAFAEL SAN VIDAL HIDALGO

Software Developer

Nationality: Spain (EU)

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QUALIFICATIONS SUMMARY



Quality Programming

Providing high-performance, reusable, scalable and easily maintained software solutions, based on clean code, good programming practices and use of design patterns.

Agile Methodology

Scrum and XP, using Microsoft Azure mainly.



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 studying software development (training and books) for being updated with the latest technologies trends.

PROFILE

As software developer, I like to work using:

- ✓ Agile methodologies (Scrum, pair programming)
- ✓ CI/CD environment
- ✓ Good Practices, use of design patterns, SOLID, YAGNI, KISS, Clean Code
- ✓ TDD & DDD Environments

PROFESSIONAL EXPERIENCE

Becton Dickinson and Company Nov. 2005 – Up to now

Products development in healthcare environment from scratch until the implementation in customers (Hospitals in EMEA zone): Architecture, UI, web and desktop applications (Front and back), security, traceability, persistence, concurrency and testing.

Software Developer

- ✓ Technologies:
 - Spring Boot (MVC, Data, JPA, Security, AOP), JWT, Thymeleaf
 - Websockets, Criteria, JPA & JQPL, Flyway
 - Java 11: Lambda expressions, functional expressions, Stream, Webflux
 - CI/CD: Azure Devops (Pipelines design) / Jenkins, Sonar, Git, Nexus
 - Angular, Typescript, Socket.io
 - Javascript, JQuery
 - PHP, Laravel, Element
 - Python / Django
 - .NET / C# / ASP.NET Core Blazor WebAssembly / WPF / WinForms / Win UI / XAML / EF / Dapper ORM / LINQ / Autofac / AutoMapper / OpenApi SwashBuckle / DDD Architecture / Microsoft Visual Studio
 - HTML5, CSS3, Bootstrap
 - Junit y Mockito (Java) / NUnit, XUnit y Moq (C#) / Selenium (Java y C#)
 - RCP / RAP (Rich AJAX Platform) / IBM Rational
 - SOAP (Apache Axis2, Apache Cxf) / RestFul: Spring, Jersey, Apache CXF (Java) / ASP.NET Core API web (C#)
 - MySQL, SQL Server, Oracle, DB2
- ✓ Areas:
 - Integrations: Mirth, Symphonia, Rest-ws, sockets, ASTM/HL7/RFID Protocols
 - Application Server: IIS, Apache Tomcat, Wildfly, IBM Websphere, Oracle WebLogic
 - Database Design and Management: MySQL, Postgres, SQL Server, Oracle, DB2
 - Abbyy Technologies, Infaimon Common Vision Blox
 - IBM Cognos

Omnibona S.L. Nov. 2014 – Dec. 2015

Software Developer

- ✓ Part-time in startup company. Design and development of a multi-platform application about healthy habits, nutrition and exercises in game mode.
- ✓ NET technologies:
 - ASP.NET MVC, Razor, thymeleaf
 - Entity Framework / LINQ
 - HTML5, CSS3, Bootstrap
 - JavaScript, JQuery
 - Microsoft Azure
 - Microsoft Visual Studio

EDUCATION

TECHNICAL ENGINEERING IN COMPUTER SYSTEMS

Universidad Politécnica de Madrid

LANGUAGES



Spanish: Native

English: B1

ABOUT ME

My hobby for the computers has begun when my parents gifted me my first computer. I was only a teenager when begun to write my first programs in Basic using a ZX Spectrum computer. And then, I enrolled in software development school when I was 13 years old. And from that time until today, I have always been writing programs and developing products.

My hobbies are astronomy, movies and sports.

Oesia Aug2003 – Oct2005

Software Developer

- ✓ Software Development in healthcare, public services and others areas
- ✓ Customers:
 - Mercado de Comisión de las Telecomunicaciones (CMT)
 - Telefónica Móviles España (TME)
 - Hewlett-Packard, Siemens (Healthcare)
 - Administraciones Públicas (Diputaciones y Aytos.)
- ✓ Technologies:
 - *NET / C# / Visual Studio*
 - *Database Management: Oracle, Informix Dynamic Server, SQL Server, MySQL*

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

Support Technical

L'Oreal Jan. 1998 – Jul. 2003

SAP Key Business

- ✓ *Business Analyst in SAP Project. Modules: FI, CO and MM*
- ✓ Tasks:
 - *Planning, Design and Implementation*
 - *FI, CO and MM*
 - *Reports Development, ABAP IV*

Software Developer

- ✓ Tasks:
 - *C++, RPG, 4GL, AS/400, IBM Aix, Oracle, Ingres*
 - *2000 and Euro projects*
 - *Requirements from stakeholders*
 - *Planning, designing and implementing software*
 - *Management Applications: Accounts, Purchasing*
 - *AS/400 and IBM Aix systems integrations*

Ministerio de Asuntos Exteriores Jan. 1998 – Jun. 1998

Software Developer

- ✓ Design and create an application to manage diplomatic passports
- ✓ Tasks:
 - *Passports management project*
 - *4GL language / Ingres Database*

<ul style="list-style-type: none"> ✓ Ionic (app) y Net Core (backend). Udemý ✓ Go / Golang desde las bases. Udemý ✓ Montar un cluster Hadoop Big Data. Udemý ✓ Dart & Flutter. Udemý ✓ Laravel y vue.js avanzado. Udemý ✓ Vue.js. Udemý ✓ React + Redux. Udemý Jul22 ✓ NET MAUI con VStudio 2022. Udemý Jul22 ✓ Devops, Docker Kubernetes, microservices y Azure NET 6. Udemý Jul22 ✓ Azure Devops. Udemý Jun22 ✓ AWS. Udemý Jun22 ✓ Go / Golang. Udemý Ago21 ✓ TDD con Java y JUnit. Udemý Dic21 ✓ Patrones de Diseño y principios SOLID. Udemý May21 ✓ Refactorizar código Java. Udemý Mar21 ✓ DevOps. Las artes marciales del software. Udemý Jun20 ✓ Java8. (Funcional y lambda). Udemý Sep19 ✓ Microservicios con Spring Boot / Netflix Eureka. Udemý Sep19 ✓ Programación Python para Machine Learning. Udemý Sep19 ✓ Curso de Python 3. Udemý Ago19 ✓ Desarrollo de videojuegos con Unity. Udemý Jun19 ✓ Mi primer videojuego con Unity. Udemý Jun19 ✓ API RestFul con Laravel. Udemý May19 ✓ Dominando Laravel. De principiante a expert. Udemý May19 ✓ Android con Kotlin + Firebase + Google. Udemý Abr19 ✓ Machine Learning. Udemý Mar19 ✓ Curso de Django. Udemý Ene19 ✓ Implementación de soluciones en Microsoft Azure. Udemý Nov18 ✓ 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 	<ul style="list-style-type: none"> ✓ 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 Javascript, 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. Fides21 Dec13 ✓ IBM Rational V7. Clearcase, SOA, Business 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. IBM Learning 30h. Apr02Programación Avanzada RPG IV (AS/400). IBM Learning 50h. Feb02 ✓ Programación Java. Gesein 100h. Feb - Apr01 ✓ Cobol – CICS – DB2. Cap Gemini 160h - 99 ✓ Técnico En Sistemas Unix / Oracle. Sunion Gesfor 350h - 98 ✓ Microinformática. Academia Teide 300h - 98
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KNOWLEDGE

Bold: Experience working
Normal: Knowledge

Programming Languages

4gl / Cobol / Pascal / RPG
ABAP IV

C#

C++

Dart / Flutter

Erlang

Go

Groovy / Grails

Haskell

HTML5 / CSS3 / Bootstrap

Java

JavaScript / TypeScript

Jquery

Kotlin

Oracle PL/SQL

React

Ruby / RoR

PHP / Laravel / Eloquent /

Composer

Python / Django

Scala

.NET

NET 7

C# / XAML

WPF / WinForms

ASP.NET core MVC / Razor pages

/ Blazor Web assembly

WinUI / MAUI / Uno Platform

Electron.NET API

EF / Dapper ORM

LINQ

Polly.NET

Java Persistence Frameworks

Spring Data JPA / Criteria

Hibernate / HQL / QueryDSL

MapStruct / Mapping Dozer

IBM PureQuery

Java AOP Frameworks

Spring AOP / AspectJ / JBoss AOP

Spring Framework

Spring Boot

Spring MVC

Spring Data JPA

Spring Security

Spring AOP

Spring Webflux

Thymeleaf

Netflix

Hystrrix

Feign

Ribbon

Zuul

IDE

Visual Studio

Visual Code

Eclipse

IBM Rational

Sublime Text

Atom



Testing

NUnit / Xunit (.NET)

Moq / RhinoMock / TypeMock

(Mock .NET)

Coverlet (.NET)

Junit (Java)

Mockito / EasyMock / JMock

(Mock Java)

Mocha / Jasmine / Protractor /

Istanbul (js)

Selenium for Java y .NET

Karma (browser test runner)



Node

Npm

Express.js

Restify.js

Socket.io

Mongoose.js

Mongo.js

JavaScript MVC Frameworks

Angular / Ionic

React

Vue

Web tools

Handlebars

Jade

Alpaca Forms

Gulp (Javascript task runner)

Modernizr (browser compatibility)

Webpack

Stylus / Sass / Less (Precompiler

CSS)

Project generator

YeoMan

HTML5 Boilerplate



Relational Databases

Oracle

SQL Server

MySQL / MariaDB

IBM DB2

CA Ingres

Postgres

Informix Dynamic Server

SQLite

InterSystems Cache

Sap Sybase



NoSQL Databases

MongoDB

Apache Cassandra

Redis

Memcached

Big Data / BI

IBM Cognos

Talend

Cloud Computing

Microsoft Azure

AWS

GCP - Google Cloud Platform

Google Firebase

Heroku

Nodester

Environment / OS

Windows

Ubuntu, Debian, RedHat, Suse

IBM Aix

AS/400

SAP R/3



Application Servers

Apache Tomcat

IIS

Wildfly

IBM Websphere

Oracle WebLogic

Nginx

Jetty



Integrations / Protocols

ASTM / HL7 / RFID protocols

Apache CXF / Axis2

Jersey

GraphQL

Mirth

Symphonia



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



CI/CD

Azure Devops

Jira

Maven / Gradle

Jenkins

Sonar Qube

Nexus OSS / JFrog

Source Version

Git / Github

CVS / Subversion

IBM Rational ClearCase



Project Tools

Enterprise Architect / StarUML

Containers / Orchestration /

Virtualization

Docker

Kubernetes

Vagrant

VMWare

Oracle VirtualBox

Recognition Applications

Abbyy Technologies

Infaimon Common Vision Blox

OpenSource Applications

Wordpress

Joomla

OsCommerce

IoT

Arduino

Videogames

Unity

Blockchain

Solidity

Go Ethereum & Geth

Parity

Ganache-cli / Testrpc

Web3.js

Wallets: Mist, Parity,

MyEtherWallet, MetaMask

Truffle

Remix

Messaging brokers

Apache Kafka

RabbitMQ

Monitoring tools

Ansible

Chef

Puppet

Terraform