

# Josep Vilalta – Marzo

[Health Care Information Systems Architect](#)

[Summary CV](#)

[Complete CV](#)

[jvilalta@vico.org](mailto:jvilalta@vico.org)

Rev.- 2009\_01



## Personal Data

Address: Francesc Layret, 24 – 08911 Badalona – BARCELONA – SPAIN

Date of birth: 3 March, 1956. Badalona – BARCELONA – SPAIN

## Qualifications

- Experience in developing Semantic Interoperability Models HL7 RIM & CDA based.
- Experience in developing Use Case Patterns and implementing Software Product Lines.
- Experience in conceptual modeling, design and software architecture evaluation with Unified Modeling Language (UML).
- Professor and Coach of Unified Modeling Language (UML) and Model Driven Architecture (MDA), certified by The Object Management Group (OMG).
- Experience in modeling and developing of Health Care Business Process Application Frameworks & Clinical Data Warehousing.
- Experience in design and implementation of Medical Terminology Knowledge Management System through Unified Medical Language System (UMLS).
- First national award on Health Information Systems to the project: "Information Networks for Community Health: PAMEM Barcelona City Council Success Case". Catalonia College of Economists, Barcelona, Spain.
- Second award on Technology Entrepreneurs to the project: "Natural Language Processing oriented to Medical Concepts Retrieving from Clinical Documents". University and Research Department of Catalonia Government, Barcelona, Spain.
- Experience in Blood Component Management, Blood Banking and Blood Collecting Information Systems Development.
- Cost analysis and development of budgeting systems in Community Health Care Networks of Barcelona – Spain.
- Experience in conceptual modeling and issuing Health Cards and Health Passports in Community Health Care Networks of Barcelona – Spain.
- Experience in training and designing Messaging Solutions through the HL7 standards (Health Level Seven): RIM (Reference Information Model) and CDA (Clinical Document Architecture).

## Education

- 2007 [HL7 CDA Certified by Health Level Seven International](#)
- 2003 [OMG – Certified UML Professional \(OCUP\) by The Object Management Group \(OMG\) – USA.](#)
- 1989 – 1988 Master in Information Systems Audit - Barcelona Polytechnics University – Spain.
- 1988 – 1988 Postgraduate in Health Systems Analysis - Claude Bernard University of Lyon – France.
- 1982 – 1981 Postgraduate in Biostatistics - Barcelona Polytechnics University - Spain.
- 1981 – 1975 Graduate in Medicine and Surgery - Barcelona University - Spain.

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## Positions

- 2009 – 2010 Senior Information Systems Consultant; UML & HL7 Coach – Catalonia Health Department – Fundació TIC SALUT, Spain.
- 2009 – 2010 Senior Information Systems Consultant; SCRUM Coach – iSOFT – IBA Health Group – Campanillas, Málaga, Spain.
- 2009 Senior Information Systems Consultant; UML Coach – Instituto de Astrofísica de Canarias, La Laguna, Tenerife, Spain.
- 2008 – 2009 Senior Information Systems Consultant; UML Coach – GTD Software Engineering, Barcelona, Madrid, Spain.
- 2007 – 2010 Associated professor of the Computer Science High School at La Laguna University, Tenerife, Spain, where I teach software development methodologies.
- 2007 Senior Information Systems Consultant; UML & HL7 Coach – UDIAT – Sabadell, Spain.
- 2006 – 2010 Senior Information Systems Consultant & UML Learning Coordinator, NETMIND IT Knowledge Services, Barcelona, Spain.
- 2006 Senior Information Systems Consultant and UML Coach – PANLAB Technology for Bioresearch – Barcelona, Spain.
- 2006 Senior Information Systems Consultant and UML & Project Management Coach – WÜRTH – Palau de Plegamans – Barcelona, Spain.
- 2006 Senior Information Systems Consultant and UML & Testing Coach – CORITEL BPM – Oviedo, Spain.
- 2006 Senior Information Systems Consultant and UML Coach – ANTARES Sistemas – Sabadell, Spain.
- 2006 Senior Information Systems Consultant and UML Coach – Mutua Intercomarcal – Barcelona, Spain.
- 2005 Senior Health Information Systems Consultant – ROCHE DIAGNOSTICS AG – Rotkreuz, Switzerland; Mannheim, Germany; Sant Cugat - Barcelona, Spain.
- 2005 – 2010 Managing Director of Vico Open Modeling, S.L. Barcelona, Spain. Senior Consultant and UML Coach. <http://umlearning.com>
- 2005 Senior Health Information Systems Consultant and UML Coach – SAGESSA / GINSA – Reus, Spain.
- 2005 Software Engineering Consultant and UML Coach – CARBUROS METÁLICOS, Barcelona, Spain.
- 2005 Software Engineering Consultant and UML Coach – SERGAS / Professional Training. A Coruña, Spain.
- 2005 Software Engineering Consultant and UML Coach – Universidad de la Laguna. Tenerife, Spain.
- 2005 Software Engineering Consultant and UML Coach – NOVASOFT, Barcelona, Spain.
- 2004 Software Engineering Consultant and UML Coach – GIESECKE & DEVRIENT – Barcelona, Spain.
- 2003 – 2006 Software Engineering Consultant and UML Coach – NET-MIND / JJEC Formación, Barcelona, Spain.
- 2003 – 2005 Software Engineering Consultant and UML Coach – INDRA, Barcelona, Spain.
- 2003 – 2005 Software Engineering Consultant and UML Coach – T-SYSTEMS, Barcelona, Spain.

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|----------------|---|
| 2003 – 2005    | Software Engineering Consultant and UML Coach – DAESA, Madrid, Spain.   |
| 2003           | Software Engineering Consultant and UML Coach – NESTLE, Barcelona, Spain.   |
| 2003           | Software Engineering Consultant and UML Coach – GETRONICS, Barcelona, Spain.  |
| 2003<br>Spain. | Software Engineering Consultant and UML Coach – Instituto Tecnológico de Canarias. Sta Cruz de Tenerife,                          |
| 2003           | Senior Information Systems Consultant – Laboratorios GELOS – Barcelona, Spain.  |
| 2001 – 2005    | Senior Health Information Systems Consultant – COSTAISA – Barcelona, Spain.   |
| 2001 – 2002    | Assistant in Software Engineering Methodologies and UML at the LSI Department of Barcelona Polytechnics University (UPC) – Spain. |
| 1999 – 2002    | Senior Health Information Systems Consultant – Institut d'Assistència Sanitària (IAS) – Salt – Girona, Spain.                     |
| 1998 – 1999    | Senior Health Information Systems Consultant – Hospital General de Manresa, Spain.  |
| 1994 – 1995    | Senior Health Information Systems Consultant – Unió Catalana d'Hospitals – Barcelona, Spain.                                      |
| 1993 – 1997    | Senior Health Information Systems Consultant – Consorci Sanitari de Barcelona (CSB), Spain.                                       |
| 1992 – 2005    | Managing Director of Vilalta Consultants. Senior Consultant and UML Coach. <a href="http://vico.org">http://vico.org</a>          |
| 1991 – 1995    | Senior Health Information Systems Consultant – Fundació Puigvert – Barcelona, Spain.  |
| 1990 – 1992    | Senior Health Information Systems Consultant – Caixa Andorrana de la Seguretat Social (CASS) – Andorra, Principat d'Andorra.      |
| 1990 – 1991    | Senior Health Information Systems Consultant – AENOR Delegate at the Technical Committee TC224 – Brussels, Belgium.               |
| 1989 – 1991    | Senior Health Information Systems Consultant – Spanish Health Care Ministry – Madrid, Spain.                                      |
| 1986 – 1989    | Chief Information Officer – PAMEM Barcelona City Council Health Care System, Spain.   |
| 1986 – 1988    | Health Information Systems Consultant – IZASA Laboratories, Blood Banking Division – Barcelona, Spain.                            |
| 1983 – 1986    | Chief Information Officer – Barcelona Red Cross, Spain.   |
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## Projects involved

- 2009 – 2010 Project Manager of “iSalut.cat” Healthcare Reference Information Model, in collaboration with Barcelona Polytechnic University, Fundació CatSalut Spain; KERN IT, Argentina. Catalonia Health Department.
- 2009 – 2010 UML & SCRUM Coach of iSOFT IBA Health Group for Primary Care Domain Healthcare Software Development at Campanillas, Málaga, Spain.
- 2008 – 2009 Project Manager of “CD2W” Clinical Data Doc Warehousing, in collaboration with Hospital de Sant Pau de Barcelona, Spain KERN IT, Argentina. Spanish Health Ministry FIS Grant P105/230.
- 2007 – 2008 Project Manager of “HC3” Healthcare Interoperability Scenarios in collaboration with FOSCAMB CONSULTING, Spain; KERN IT, Argentina. Catalonia Health Department.
- 2006 – 2007 Project Manager of “GAMILEN” Radiology Report Natural Language Processing in collaboration with UDIAT, THERA, Spain; Hospital Italiano de Buenos Aires, KERN IT, Argentina.
- 2006 UML Coach of PANLAB Technology for Bioresearch. Clinical Trial Video Tracking Software Development. Barcelona, Spain.
- 2005 Senior Consultant in collaboration with ARNOLD CONSULTING Sempacht-Stadt of “Software Architecture Laboratory Information Management System – LIMS Architecture Assessment”. ROCHE DIAGNOSTICS AG – Rotkreuz, Switzerland; ROCHE Mannheim, Germany; ROCHE Sant Cugat - Barcelona, Spain.
- 2005 Senior Consultant and UML Coach of “Pharmacy Hospital Information System”. SAGESSA - GINSA – Reus, Tarragona, Spain.
- 2003 – 2005 Project Manager Consultant of “Health Care Business Process Framework”. COSTAISA - Catalonia Polytechnics University – Spain. Commissioned by Spanish Science and Technology Ministry, FIT- 150500-2003-399 Programa de Fomento de la Innovación Tecnológica (PROFIT-2003).
- 2003 – 2004 Project Manager Consultant of “Medical Terminology Knowledge Base through UMLS”. COSTAISA - Barcelona University – Spain. Commissioned by Spanish Science and Technology Ministry, FIT- 150500-2003-399 Programa de Fomento de la Innovación Tecnológica (PROFIT-2003).
- 2002 – 2003 Project Manager Consultant of “Porting CHAMAN JAVA”. COSTAISA - Spain. HIS Legacy system migration to relational database system and Java Platform.
- 2001 – 2003 Senior Consultant and Project Manager of “SCRIPTUM” Natural Language Processing oriented to Medical Concepts Retrieving from Clinical Documents, in collaboration with NATSLANG, THERA, Polytechnic University of Barcelona, Spain.
- 1999 – 2002 Co-ordinator of the project “SAP Accounting and Logistics for a Community Health Care Information Network”. Institut d’Assistència Sanitària (IAS) – Salt, Girona, Spain.
- 1998 – 1999 Senior Consultant of the project “Nou Hospital de Sant Pau”. Molt Il·lustre Administració del Hospital de la Santa Creu i Sant Pau. Barcelona, Spain.
- 1997 – 1998 Co-ordinator of the projects “Medical Workstation” and “Hospital Health Care Process Re-engineering”. Hospital General de Manresa. Barcelona, Spain.
- 1995 – 1996 Project Manager Consultant of “Problem Oriented Medical Records for Community Health”. Consorci Sanitari de Barcelona. CAP Vila Olímpica. Barcelona, Spain.
- 1994 – 1995 Project Manager Consultant of “Libreta de Salut – Health Care Passport for Community Health”. Consorci Sanitari de Barcelona. CAP Vila Olímpica. Barcelona, Spain.
- 1994 – 1994 Co-ordinator of the project “ADP Hospital Product Line Modeling through CASE MIX Management”. Unió Catalana d’Hospitals. Barcelona, Spain.
- 1993 – 1994 Co-ordinator of the project “Hospital Executive Information System Management”. Molt Il·lustre Administració del Hospital de la Santa Creu i Sant Pau. Barcelona, Spain.

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1993 – 1993	Co-ordinator of the project “Health Care Information Systems Strategic Planning”. Caixa Andorrana de la Seguretat Social (CASS) – Andorra, Principat d’Andorra.
1992 – 1993	Project Manager Consultant of “Hospital Information Systems Strategic Planning”. Fundació Puigvert – Barcelona, Spain.
1991 – 1991	Co-ordinator of the project “Health Card Information System” Caixa Andorrana de la Seguretat Social (CASS) – Andorra, Principat d’Andorra.
1991 – 1991	Project Manager Consultant of “Hospital Information Systems Audit”. Fundació Puigvert – Barcelona, Spain.
1990 – 1991	Senior Consultant of the project “National Health Card Information System”. Spanish Health Care Ministry – Madrid, Spain.
1988 – 1989	Project Manager Consultant of the project “Health Card for a Community Health Care Information Network”. Barcelona City Council Health Care System, Spain.
1986 – 1988	Project Manager Consultant of the project “Sys+Bank Blood Banking Information System”. IZASA Laboratories. Barcelona, Spain.
1986 – 1987	Project Manager Consultant of the project “Blood Banking Information System”. Hospital Germans Trias I Pujol de Badalona. Barcelona, Spain.
1985 – 1986	Co-ordinator of the project “Blood Components Analytic Accounting”. Barcelona Red Cross. Barcelona, Spain.

### Professional Associations affiliated

- HL7-Spain – Board Secretary (Madrid).
- Sociedad Española de Informática Sanitaria - SEIS (Madrid).
- HL7 International Affiliates Group.
- Medical Outcomes Trust (Boston).

