

Personal information

First name / Surnames Raimon Ràfols Montané
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Work experience

Dates	June 2008 onwards
Occupation or position held	Software Engineer
Main activities and responsibilities	<ul style="list-style-type: none">– Design and develop a standalone Mobile Application Framework (J2ME & Blackberry) to give an iPhone look & feel and behaviour to any application running in a plain J2ME – Blackberry device. This framework also reduced midlet size, number of midlets built and reduced the build time by 95%.<ul style="list-style-type: none">– RelatiePlanet - http://www.relatieplanet.com/mobiel/– Design and create a complete generic Mapping and Routing solution (J2ME & Blackberry clients and server). Map images and routing provider is hidden to the applications and can be changed, for any single application, at any time just changing a setting.– Optimize map generation procedures and improve map data compression and packing by 30%. Either transmitted over the air or stored statically inside the application.– Create a resource packer to pack multiple resources inside bigger files, reducing application size and easiness to hack or modify application resources (images, xml data, ...)– Develop or improve already existing J2ME – RIM Blackberry applications:<ul style="list-style-type: none">– Hi WaarZitWie - http://www.service2media.com/clients/hi– Bilbao city guide - http://www.mybilbaobizkaia.net/appMovil/index.asp?especial=7– Heineken City Guide - http://www.service2media.com/clients/heineken– Develop a small Symbian server to act as a bridge between J2ME applications and the phone hardware to expose some functions of the hardware otherwise hidden from J2ME.– Technologies used: J2ME, ant, JSR75, JSR184, MIDP 2.0, Tomcat, GlashFish, Ruby, PHP, Android, Objective-C / iPhone, Symbian 2nd / 3rd edition, Google Protocol Buffers, Blackberry.
Name and address of employer	Service2Media, Capitooll 41, 7521PL Enschede, The Netherlands
Dates	September 2007 – May 2008
Occupation or position held	J2ME Lead Software Engineer
Main activities and responsibilities	<ul style="list-style-type: none">– Designed and developed a standalone Mobile Applications Framework (J2ME) to easily create applications and automatically solve porting problems and incompatibilities between devices.– Developed marketing-oriented applications using the mobile applications framework and including rich widgets as 3D menus, transitions, ...– Designed and implemented communication protocols to allow bluetooth / nfc interaction between applications and access points.– Helped the Embedded Software department developing bluetooth servers (linux + bluez) to test the interaction, creating a control panel to setup all the different parts of the configuration of the access points, and setting a 3G connection using pcmcia / usb modems.– Automatized many internal processes for example campaign creation and content adaptation.– Technologies used: J2ME, ant, JSR82, JSR135, JSR120, JSR184, MIDP 1.0, MIDP 2.0, Ruby, PHP, DHTML, Javascript, AJAX, C, Bluez, PostgreSQL, Debian.
Name and address of employer	FuturLink, Carrer Almogàvers 107-119, 08018 Barcelona, Spain
Dates	September 2006 – August 2007
Occupation or position held	J2ME Analyst Programmer
Main activities and responsibilities	<ul style="list-style-type: none">– Designed and developed a build system to automatically build all existing J2ME applications and to facilitate the creation of new applications.– Designed the application protocol to communicate all the applications to our server. (HTTP / socket)– Developed many J2ME applications:<ul style="list-style-type: none">– MiM: Skinable Instant Messaging application compatible with Messenger, Yahoo & Jabber.– JackPack: Free Jackpot gaming system (http://www.isl-uk.net/product11.html)– Call & Play: Interactive videostreaming platform which allowed to play high end console games on almost any 3G device. Developed the client for Sony PSP and the generic Windows client which interacted with console emulators. (http://www.isl-uk.net/product08.html)– Designed a part of the Messaging Platform Core. (Massive SMS sending)– Designed and developed a bluetooth server for proximity advertising (sending OBEX Push objects)– Technologies used: J2ME, ant, JSR135, JSR120, JSR184, JSR82, MIDP 1.0, MIDP 2.0, C, MySQL, Bluez, Debian.
Name and address of employer	Multimedia Mobile Services, Carrer Josep Ferrater i Mora 2-4, Barcelona, Spain
Dates	June 2005 – August 2006
Occupation or position held	Team Lead / Analyst Programmer
Main activities and responsibilities	<ul style="list-style-type: none">– Led networking projects, online games networking software and mobile portals.– Designed the communication protocols used in online games and developed the J2EE server. (Active Mind, MobiFoosball, Movistar Racing 3, Sanfermines 2006, MoviDominó)– Designed and developed a mobile portal engine, compatible with more than 300 devices (J2ME & DoJa), passing the quality tests of many carriers and supporting multiple pay methods. (MoviJuegos, Pogo Mobile, ...)– Server administration and maintenance.– Technologies used: PHP, MySQL, AJAX, WML, XHTML, cHTML, J2EE, Tomcat, Linux.
Name and address of employer	Microjocs (currently Digital Chocolate), Carrer Àlaba 40, 08018 Barcelona, Spain

Dates March 2004 – May 2005
 Occupation or position held J2ME Senior Programmer
 Main activities and responsibilities

- Involved in many J2ME Games, for example:
 - Movistar Racing 2: Racing game with online options. Developed the client and some parts of the server and download portal.
 - Toca / DTM: Simple racing game. Developed the client.
 - Sealines: Massive Online Game. Developed part of the server, the administration frontend and designed part of the communication protocol.
- Technologies used: J2ME, ant, MIDP 1.0, MIDP 2.0, Nokia UI API, WML, XHTML, PHP, J2EE, Tomcat.

 Name and address of employer Microjocs (currently Digital Chocolate), Carrer Àlaba 40, 08018 Barcelona, Spain

Dates October 2003 – February 2004
 Occupation or position held Junior Programmer
 Main activities and responsibilities

- Developed a J2ME voting application.
- Developed a part of a geolocalization platform.
- Implemented a SMPP protocol connector for the SMS platform.
- Technologies used: J2ME, J2EE, Tomcat, JBoss, Struts, ant

 Name and address of employer Tempos 21, Canal Olímpic s/n, Edif. PMT-B, 08860 Castelldefels

Education and training

Dates September 2000 – June 2007
 Title of qualification awarded Bachelor's degree on Computer Science
 Principal subjects/occupational skills covered Speciality on system administration and computer graphics.
 Name and type of organisation providing education and training Facultat Informàtica Barcelona – Universitat Politècnica de Catalunya (FIB – UPC)

Personal skills and competences

Mother tongue(s) Catalan / Spanish (bilingual)

Other language(s)

Self-assessment

European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent User	B2	Independent User	B1	Independent User	B1	Independent User	B1	Independent User

(*) Common European Framework of Reference for Languages

Awards

Date April 2008
 Award NFC Forum Global Competition – Touching the Future - Finalist.

Date March 2006
 Award Scene.org awards nominee.

Date 1996 – 2009
 Award Many awards in international realtime computer animation competitions.

- Euskal Party (Bilbao, Spain)
- BCN Party (Barcelona, Spain)
- Arroutada (A Coruña, Spain)
- Xuventude Galicia Net (Santiago de Compostela, Spain)
- Fallas (Xirivella, Spain)
- Durango Party (Durango, Spain)
- Buezli (Winterthur, Switzerland)
- TUM (Karlsruhe, Germany)
- Mekka & Symposium (Fallingbostel, Germany)
- Breakpoint (Bingen am Rhein, Germany)