

## CURRICULUM VITAE

### PERSONAL DATA

**Name:** Javier Rey  
**Place and Date of Birth:** Bilbao (Spain), 11th October 1965  
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### EDUCATION AND KNOWLEDGE

**Education:** **Architecture**, ETSAM (Technical School of Architecture of Madrid). 3 years.

**Languages:** **English** (spoken and written), **Spanish** (native).

**Additional knowledges:** Studies of **Physics** at UNED (Spanish Open University).

Other courses and seminars related to computing and programming languages.

Diploma in **Gemology** from the Centro de Estudios e Investigaciones Gemológicas de Madrid (Gemological Studies and Research Centre of Madrid).

**Technical knowledges:** **Programming Languages:** PHP, Java (J2SE/J2EE, JSP, Android), C#, Javascript, Actionscript (Flash/Flex/Air), SQL (MySQL/Oracle), HTML, CSS, SASS.

**Additional frameworks and methodologies:** PHP Zend and Yii frameworks, Javascript Angular.js framework, CSS Bootstrap and Foundation, knowledge of Javascript Node.js library, Rough knowledge of Amazon Web Services, Agile workflow with Scrum.

**Software Tools:** Windows, Mac, Linux. Webstorm, PHPStorm, IntelliJIDEA, Eclipse, FlashPro/FlashBuilder/Flex, Photoshop, 3DStudio...

**Design:** Graphic, multimedia and web design. Illustration, Computer graphics, 3D modeling and animation for Press and Advertising. Video/Audio edition and streaming.

**Mathematics, Geometry and Physics:** Knowledge for design and development of 2D/3D graphics, animation, games and interfaces in Javascript (THREE) and Flash (Papervision).

## WORK EXPERIENCE

**2015-2016:** *Company:* **Sunrise Software.**

(April-Oct) *Location/Sector:* Chessington, London. Computing services.

*Occupation:* **Software Developer.**

*Technologies:* **HTML/CSS/Javascript, JQuery, Foundation, JSP, Git, Gerrit, JIRA, Agile.**

*Description:* Development and maintenance of a management application front-end, based in the **Java Spring** framework, **JSP, HTML, CSS, and Javascript**. The web application is a multipurpose management tool where end user forms are dynamically designed and customized by an administrator.

The project includes a number of interactive third-party components to enhance the user experience.

First long term task was to gradually refactor the project into a better modular structure, optimizing logic for a massive set of **CSS/Javascript** selectors, and migrating the project into new **HTML5/CSS3** responsive standards.

The whole refactoring procedure was made isolating the new features for certain screens, whilst the rest of the application remained based in its legacy approach, since it was required that the process should be done seamlessly on the ongoing project.

Other interesting works on the application:

Development of a context help mechanism for the entire site. A **Javascript** component that retrieves the available help content from server and adds info icons to forms and fields in the screen. Back-end developers only need to add the content to the database with the right reference path, and the feature becomes automatically available in the front-end target.

Development of an interactive viewer of a network of bound nodes, based on a third-party 2D library (**Vis**). Shows a canvas with a number of node labels distributed in an elastic cloud and their 2-way binding arrows, allowing the user to drag nodes, zoom and pan the view, or filter the displayed set.

Other daily tasks: bugs fixing, code improvements, analysis of potential solutions for specific problems and requirements, documentation and guidelines for other developers to keep a maintainable front-end project, and graphic design of icons and other theming elements.

Note: My dismissal from this company is due to business related issues and not because of my performance. **Sunrise Software** offered me a recommendation reference.

**2013-2015:** *Company:* **EagleEye Solutions.**

(May-March) *Location/Sector:* Guildford, Surrey. Computing services.

*Occupation:* **Software Developer.**

*Technologies:* **PHP, MySQL, HTML/CSS/Javascript, JQuery, Zend, Yii, Apache, Linux, Composer, Vagrant, RESTful, Git, JIRA, Agile.**

*Description:* Development and maintenance of services and web applications mainly related to vouchers issuance, management and reporting for some of the main retailers across the UK.

Migration of massive data from retailer to the company's system.

Data analysis for identification and reporting potentially fraudulent transactions.

Barcode and QR code generators.

Interface to deal with the **WEVE** unified mobile commerce platform.

Small **Javascript** based mobile applications (basically for demo purposes).

In the **Quality Assurance** section, development of **PHPUnit** tests and a web manager of test suites, including a client to remotely administrate job builds of the **Jenkins** Continuous Integration tool.

**2012-2013:** *Company:* **Vipirsa/Cappgemini.** Client: **Caser** (Insurance).

(July-May) *Location/Sector:* Madrid. Computing services, insurance sector.

*Occupation:* **Senior Software Developer.**

*Technologies:* **Java, J2EE, Actionscript 3 (Flash/Flex), BlazeDS, Oracle, HTML/CSS/Javascript.**

*Description:* Development of the Customer's Unified Administration Centre.

Design, documentation and teaching of a **Java/Flex** course of 2 weeks for a team of 6 developers (**Cappgemini** internal diploma).

- 2010-2012:** *Company:* **CMC**. Client: **Caser** (Insurance).  
 (Sept-May) *Location/Sector:* Madrid. Computing services, insurance sector.  
*Occupation:* **Senior Software Consultant**.  
*Technologies:* **Java, J2EE, Actionscript 3 (Flash/Flex), BlazeDS, Cairngorm, Oracle, HTML/CSS/Javascript**.  
*Description:* Design of procedures and templates for developing **Java** projects with **Flex** interface (**AMF** binary protocol architecture).  
 Creation of technical analysis documents based on Information Systems Planning, Development and Maintenance Methodology.  
 Development of Providers and Lawyers Portal, for management and billing (with electronic signature) between the company and external providers.  
 Development of the Health Area Printing Manager.  
 Composition and teaching of a course of **Flex** for the client's employees, oriented to the company's own **Java/Flex** framework.
- 2010:** *Company:* **Dominion/Near Technologies**.  
 (April-August) *Location/Sector:* Madrid. Computing services.  
*Occupation:* **Analyst Programmer**.  
*Technologies:* **Actionscript 3, (Flash/Flex), Papervision3D, PHP, HTML/CSS/Javascript, 3DStudio, Photoshop**.  
*Description:* Development of an interactive 3D simulator of road traffic for studying the cause of jams. Full design and development of the application, including a math syntax parser for designing algorithms and a 3D Bezier path editor in Actionscript.
- 2008-2009:** *Company:* **Alternae**. Client: **Jet Multimedia**.  
 (October-July) *Location/Sector:* Madrid. Telephony - Internet.  
*Occupation:* **Analyst Programmer**.  
*Technologies:* **PHP, Java, HTML/CSS/Javascript**.  
*Description:* Development of online application interfaces for management and reporting of telephone services.
- 2008:** *Company:* **Deiser**. Client: **Havas Media**.  
 (March-October) *Location/Sector:* Madrid. Advertising - Media Control - Internet.  
*Occupation:* **Analyst Programmer**.  
*Technologies:* **Java, Struts, Oracle, HTML/CSS/Javascript**.  
*Description:* Development of a **Business Objects/Crystal Reports** statistics and managing application.
- 2006-2008:** *Company:* **E-commfactory**.  
 (Nov-March) *Location/Sector:* Madrid. New Technologies - Internet.  
*Occupation:* **Project Manager** and **Analyst Programmer**.  
*Technologies:* **PHP, MySQL, Actionscript (Flash), HTML/CSS/Javascript, C#**.  
*Description:* Development of web services applications for Internet and telephony. Windows widget in **C#** to send files from PC or Internet to mobile, converting video and audio files to mobile formats (server side is a **PHP** web service).  
 Web application to send SMS and multimedia files to mobiles in almost every country in the world. White brand interface used by a nested customer/provider chain, with own company on top of the hierarchy. Includes invoices management reporting, file format conversion (developed in **Flash, Javascript** and **PHP**).
- 2006:** *Company:* **Spacio Global Media**.  
 (Jan-October) *Location/Sector:* Madrid. New Technologies - Internet.  
*Occupation:* **Project Manager** and **Analyst Programmer**.  
*Technologies:* **PHP, MySQL, HTML/CSS/Javascript, Actionscript (Flash)**.  
*Description:* Development of portals and web searchers syndicated from Ask.com.  
 Development of POS payment gateways and **osCommerce** sites.
- 2005:** *Company:* **Trium**. Client: **Telefónica Soluciones**, Línea Multimedia.  
 (May-October) *Location/Sector:* Madrid. New Technologies - Internet.  
*Occupation:* **Multimedia Developer**.  
*Technologies:* **Actionscript (Flash), XML, SOAP, WebServices**.  
*Description:* Design and development of a public microsite in **Flash**: users can make up graphics as a game, save data to server and send mails with a link to itself. Emulates **QTVR** 2D/3D capabilities with **Flash**.

- 2005:** *Company:* **Corball** (own company).  
(March-May) *Location/Sector:* Madrid. New Technologies - Internet.  
*Occupation:* **Multimedia Developer.**  
*Technologies:* **Actionscript, HTML/CSS/Javascript.**  
*Description:* Design and Development of a **Flash** document viewer.
- 2004-2005:** *Company:* **ICA.** Client: **Informática El Corte Inglés.**  
(Oct-February) *Location/Sector:* Madrid. New Technologies - Internet.  
*Occupation:* **Multimedia Developer.**  
*Technologies:* **Actionscript (Flash), HTML/CSS/Javascript.**  
*Description:* Web development and **Flash** banners.  
Accessible web portals (**HTML** and **Flash**).  
Audio-video synchronization in **Flash**.
- 2003-2004:** *Company:* **ICA.** Client: **Agencia Tributaria,** Unidad de Nuevas Tecnologías del  
(May-Sept) Departamento de Informática Tributaria (Tax Agency, New Technologies Unit).  
*Location/Sector:* Madrid. Public Administration.  
*Occupation:* **Multimedia and Interface Developer** (Analyst Programmer).  
*Technologies:* **Java (Applets, Servlets, AWT, Swing, Eclipse), Actionscript (Flash), HTML/CSS/Javascript, XML.**  
*Description:* Development of Graphical User Interfaces for Data Analysis. Integration and communication between **Java** and **Flash.** **Flash** for **PDA.** **Flash** components development oriented to analysis of mathematical and statistical data (animated functions, surfaces, maps and morphed spaces).
- 2003:** *Company:* **ICA.** Client: **AENA** (Spanish Airports and Air Navigation).  
(February-May) *Location/Sector:* Madrid. Air Transportation.  
*Occupation:* **Multimedia and Interface Developer** (Analyst Programmer).  
*Technologies:* **Actionscript (Flash), HTML/CSS/Javascript, XML.**  
*Description:* Development of the client's Air Traffic Statistical Yearbook (**Flash**-server connectivity, data management, **XML**).
- 2002-2003:** *Company:* **Corball** (own company).  
(Jan-February) *Location/Sector:* Madrid. New Technologies - Internet.  
*Occupation:* **Multimedia Developer.**  
*Technologies:* **Lingo (Director), HTML/CSS/Javascript, XML, 3DStudio, Photoshop.**  
*Description:* Interactive CD-ROM's for **Radio Nacional de España.**  
Graphics works for the international Studio of Architecture **BroadwayMalyan.**
- 2000-2002:** *Company:* **Germinus.**  
(Jan-January) *Location/Sector:* Madrid. New Technologies - Internet.  
*Occupation:* **Chief Interface Officer.**  
*Technologies:* **HTML/CSS/Javascript, XML/XSL, Actionscript (Flash), Java (Applets, Servlets, AWT, Swing, JBuilder, SourceSafe), SQL.**  
*Description:* Team coordination and interface development of all the **Germinus** websites and projects. 6 people in charge. Projects related to new technologies, portals, services and on-line applications.
- 1999-2000:** *Company:* **Agencia Capra.**  
(April-January) *Location/Sector:* Madrid. Audiovisual Production and Communication.  
*Occupation:* **Multimedia Developer.**  
*Technologies:* **Lingo (Director), 3DStudio, Photoshop, AfterFX, HTML/Javascript.**  
*Description:* **Lingo (Director).** Design and development of informational and statistical applications for touch screen in the Information Centre of the *Casa de Campo* in Madrid.  
3D animations and video editing for corporate video presentations.  
Small web sites development.
- 1995-1999:** *Company:* **Luike-motorpress.**  
(Sept-March) *Location/Sector:* Madrid. Editorial related to Motor Press.  
*Occupation:* **Multimedia Developer.**  
*Technologies:* **Lingo (Director), Photoshop, Freehand, 3Dstudio, HTML/Javascript.**  
*Description:* Multimedia applications programming: CD ROM Bicisport 1996 and CD ROM Motociclismo 1997.  
Design of fonts and logos for magazines Scooting and SuperBike.  
3D graphics and signage design for facilities of Renault.  
Development of **Luike's** first web site (1997).

**1993-1995:** *Company:* **Arquimedia.**  
(Sept-July) *Location/Sector:* Madrid. Multimedia Publishing specialized in Architecture and Engineering.  
*Occupation:* **Multimedia Developer.**  
*Technologies:* **AutoCad, 3Dstudio, Lingo (Director).**  
*Description:* 3D graphics and multimedia presentations for architecture and engineering projects.

#### PREVIOUS EXPERIENCE

**1990-1992: Morfos.** Madrid/Sevilla. Design of models and sceneries for the Sevilla Expo 92.

**1988-1990: CEIG.** Madrid. Teacher of Gemology and Crystallography.

**1986-1988: Architecture Studio.** Madrid. Delineation of architecture plans.