

# Manuel Rivas

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## Profile:

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Information Technology professional with over 10 years experience, with a solid track record as Technical Support, System Administrator and Product Support Engineer. Proficient in a range of computer systems, languages and tools Ruby on Rails, AngularJs, jQuery, JavaScript, Ajax, HTML, CSS, Bootstrap and AWS. Demonstrated ability to function effectively as a team player, as well as work independently to achieve organisational goals. Currently undertaking a Postgraduate in Cloud Computing, Software as a Service (evenings) and seeking a position as a Ruby on Rails developer or Front End/UI developer.

## Language Skills:

- English (Fluent written and oral), Spanish (Native).

## Education:

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**2014-2015: National College of Ireland**

**Dublin**

Postgraduate Diploma in Cloud Computing. Software as a Service.  
(Semester 1 Results - Achieved 1st Class Hons in all modules)

**Modules:** Cloud Application Development, Advanced Client Side Development and User Experience, Cloud Application Services, Cloud Security, Business strategies for Cloud Computing, Cloud Computing Architecture, Research and Development in Cloud Computing.

**Languages & Technologies:** Ruby on Rails, AngularJs, jQuery, JavaScript, Ajax, HTML, CSS, Bootstrap, AWS (S3, DynamoDB, SQS), Json, Rest, Web Services, MVC Architecture, Active Record, Design Patterns, Test Driven Development, Usability Testing, Threat Security Modelling, Penetration Testing, Attacks Mitigation.

### Current course projects to date:

**First semester project:** Develop an online project management. This project exposed me to the full software development lifecycle (including threat modelling and penetration testing) and greatly increased my understanding of following a test-driven development approach and the use of patterns such as Active Record and MVC architectural pattern.

*Technologies used: Ruby on Rails, JSON, SQLite, MVC Architecture, Active Record, Threat Security Modelling, Penetration Testing and remote cloud storage.*

**Second Semester projects:** Develop of a formula one feeder, the whole application has been written using Ruby on Rails (RoR), based on a MVC pattern, and it has also been used some bootstrap components. The application not only consume a few web services such as Ergast F1, Google books, Google Maps, Twitter Search & Twitter Omniauth, but also include the develop of a Web services following a RESTful approach. The API makes public the latest formula 1 news and it has been authenticated via access token. [www.mrivasmypapps.com/hotel/](http://www.mrivasmypapps.com/hotel/)

**1997-2001: University of Huelva**

**Huelva**

Bachelor Degree in Computer engineering in management.

## Technology Skills:

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- **Ruby on Rails:** Studied Ruby on Rails in the first semester of my postgraduate and have successfully achieved to use it in my project.
- **HTML&CSS:** Developed some websites using HTML and CSS. <http://www.diocesisdehuelva.es/>
- **SQL:** Gained knowledge of SQL, and developed databases by writing queries.
- **JavaScript, JQuery and Ajax:** Studied in my postgraduate and have successfully achieved to use them for developing Single Page Application RIAs. [www.mrivasapps.com/hotel/](http://www.mrivasapps.com/hotel/)

- **AngularJs:** Studied and used for developing some applications.
- **Web Services:** Studied and used for developing some applications consuming AWS, twitter omniauth and others WS. <https://f1rails.herokuapp.com/>
- **Operating Systems:** Over 10 years working as Technical support and System Administrator with different operating system such as Linux, Windows, Windows Server, using Linux scripting, DNS, DHCP, VMware, VPN, Security Images, Networks.
- **Other skills:** Bootstrap, Threat Modelling, Penetration Testing, Attacks Mitigation, Risk Management.

## Career History:

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**2012–2013 / 2014: OsConsulting Servicios Tecnicos SLL** **Huelva**

### Product Support Engineer & Front End Developer

- Took part in the development of various software using HTML, CSS, Javascript and JQuery.

**2011 - 2012: Regional Government of Andalusia** **Seville**

### Secondary School Teacher

- Taught Maths to high school students. (Classes of 25 students).
- Taught Computer Science to high school students (Classes of 15 students).

**2006 – 2011: Rieg Soluciones Informaticas S.L.** **Huelva**

### IT Support

- Provided desktop support for 50+ companies based in Andalusia.
- PC repairs and Mounting of networks (cable and wifi).
- Installed different software which the company offered to their customers.
- Installed and configured EPOS Systems.
- Supported, maintained customer servers and managed customer's systems backup.
- Managed disaster recovery for a customer when it was needed.
- Audited Services and IT Security.
- Audited and successfully introduced the Spanish LOPD (Data Protection Law) in several companies.

**2004 – 2006: Rio Piedras Soluciones Informaticas S.L.** **Huelva**

### IT Support & IT Trainer

- Pc repairs and Mounting of networks (cable and wifi).
- Installation and configuration of Pc, firewalls, switches and routers.
- Managing all network policies and overall LAN administration.
- Administrated various Windows 2003/2008/2012 servers, using technologies such as active directory, Domain Name System and Microsoft Exchange.
- Touch IT courses to jobseekers such as Network OS Server including Linux and Windows 2003 Server for the *Regional Government of Andalusia. Department of Employment.*

## Hobbies and Interest:

I like to carry out and conduct research on new innovations and technologies. I have recently done two for my research projects for the NCI course:

*"A Review of Technical Problems when Conducting a Forensic Investigations in Cloud Based Environments"*. (Mark obtained 91 over 100)

*"A Review of Web Accessibility Issues in Rich Internet Applications"*. (Mark obtained 90 over 100)

I like to practise sports such as cycling.

**Referees Available Upon Request**