

## Curriculum Vitae - Diego Toharia Rabasco

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### About me

I am a **software engineer** interested in distributed systems and web technologies (specially backend, but also frontend). I am highly experienced in **web development**, particularly with **J2EE** and **Grails**. I am also skilled in iOS development.

I've successfully participated in several projects as **chief architect** and **scrum master**, focusing on the analysis, design and development. I love **programming** and **architecture designing**, and I am interested in agile management techniques.

I also enjoy **Linux** system administration, and lately I have been participating in some projects as the **sysadmin**, using **Amazon AWS** (EC2, EBS, S3, Cloudformation) for the hosting, and **Puppet** for deployment automation.

### Experience

Oct 09 - Current **Software engineer, OSOCO, Madrid.**

- My main task is **software developing** (i.e architecture designing and programming), mostly using Groovy and Grails, but also Java/J2EE (Spring MVC, Hibernate, JSTL), web technologies (such as Javascript or CSS) and iOS/Objective-C.
- I also play the **scrum master** role in some projects, being in charge of managing the team and the project, as well as leading the technical and architectural aspects. I also mentor and train new team members.
- Finally, I am one of the company's **sysadmin**, where I have the chance of putting in good use my passion for Unix by creating and maintaining both OSOCO and our clients infrastructure (using Linux, Amazon AWS and Puppet).

Feb 08 - Oct 09 **Software analyst and programmer at Germinus (Web 2.0 consultancy department) , Grupo Gesfor, Madrid.**

- **Project leader and developer** (participating in the requirements analysis, in charge of desing and architecture decisions, and also part of a small developer team under my supervision) in several projects using J2EE (Struts, Spring, Hibernate, JSTL, Lucene), Liferay and web technologies (Javascript and CSS).

Jun 06 - Dec 07 **Research grant (full-time), Distributed Systems Laboratory at Universidad Politécnica de Madrid (<http://lsd.ls.fi.upm.es/lsd>), Madrid.**

- Development of a virtual databases system for Business Intelligence in J2EE environments for Telefónica Soluciones (O2), using SOAP web services.
- Research and development of a software transactional memory system.

### Education

2000-2006 **Computer Science Engineering degree (5 courses), Facultad de Informática, Universidad Politécnica de Madrid, Madrid.**

2007-current **Postgraduate Master in Information Technologies, specialization in Distributed Systems, Facultad de Informática, Universidad Politécnica de Madrid, Madrid.**

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## Languages

Spanish **Native**  
English **Professional working proficiency**

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## Technical skills and competences

- Technologies
- Experience as project **chief architect**, greatly skilled in software analysis, design and development (design patterns, refactoring, OOP, inheritance, architecture, etcetera).
  - Wide experience in web development, specially with **Groovy and Grails**, but also with **J2EE** (Struts, Spring, Tiles, JSP 2.0, JSTL and Expression Language, Hibernate, Lucene, XML, JUnit).
  - Good knowledge with **web development** frontend technologies (XHTML, Javascript, CSS, Ajax, jQuery).
  - Real experience using **Amazon AWS** (Cloudformation, EC2) and **Puppet** for building and manage complex cloud based architectures.
  - Wide experience with **Linux**, both as an advanced user and as a sysadmin. Skilled in creating and maintaining administration shell scripts.
- Managment
- Experience managing small teams as **scrum master**, and used to **mentor** and train junior team members.
  - Used to work in an **agile** environment using good practices (TDD, continuous integration) and **open source** tools such as distributed version control systems (Git, SVN), tracking and documentation tools (Trac, Jenkins, Artifactory, MediaWiki, etcetera).