

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 **Grails** and **J2EE**.

I am also some iOS development knowledge, having participated in some small iPhone projects as the main developer. I have also been the **chief architect** and **scrum master** in several web applications, 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 part of the **devops** team, using **Amazon AWS** (EC2, EBS, S3, Cloudformation) for the hosting, and **Puppet** for deployment automation.

Experience

Feb 13 - Current **Software engineer**, *tado° GmbH*, Munich.

- I am part of the server and mobile development team. I also help the devops team every now and then.

Oct 09 - Jan 13 **Software engineer**, *OSOCO*, Madrid.

- My main task was **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 played 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, and mentoring and training new team members.

- I was also one of the company's **sysadmin**, where I had the chance of putting in good use my passion for Unix by helping to create and maintain 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 design and architecture decisions, being part of a small team under my supervision), using J2EE (Struts, Spring, Hibernate, JSTL, Lucene), Liferay and web technologies.

Jun 06 - Dec 07 **Research grant (full-time)**, *Distributed Systems Laboratory at Universidad Politécnica de Madrid* (<http://lsd.ls.fi.upm.es/lzd>), 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 (M. Sc, 5 years)**, *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.

Languages

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

Technical skills and competences

- Technologies
- Experience as project **chief architect**, skilled in software analysis, design and development (abstraction, 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 of **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).