

# Diego González Rodríguez

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## Public information:

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- LinkedIn: <https://www.linkedin.com/in/xmunch/>
- Website: <http://xmunch.com>
- Github: <https://github.com/dgrmunch>

## Current Role: Blockchain Expert

### Role Description

I am in charge of the [Blockchain area of Docuten](#), leading Research & Development tasks in Distributed Technologies.

I am responsible for the evolution of our products in terms of decentralization and blockchain-based innovation, towards a model in which traditional third-party solutions can be replaced by P2P technologies such as Ethereum or Quorum.

As a Software Engineer and Blockchain Expert my skillset is a combination of research, management, analysis, architecture and software engineering. I have also performed the role of Scrum Master and I am responsible for general improvements in the architecture of our technology stack.

I have been working for the company since 2015, so I try to be useful to our team in different ways, through personal mentoring and by providing knowledge and expertise regarding our products and the technology behind them.

### Summary 2019:

- Full-Stack Software Development
  - Management and Functional Analysis
  - Responsible for general improvements in the architecture of our technology stack.
  - Coordination with Business Team for Product Definition tasks
  - Supporting other team members
- Blockchain
  - Implementation and evolution of our products in terms of decentralization and blockchain-based innovation.
  - Project Management, design and development (Blockchain BFA)
  - Blockchain evangelization (videos, articles, ...)

- Assistance to Business, Commercial and Marketing teams regarding decentralization/DLT/blockchain.
- Alastria
- Comercial
  - Participation in Commercial meetings
  - Collaboration in grant/project writing processes (with both Financial and Business departments)
  - Assistance to meetings with international partners/customers
- Personal mentoring and by providing knowledge and expertise regarding our products and the technology behind them and mentoring students during internship.
- Scrum Master (until paternity leave)

Detailed tasks 2019:

### Research and Development:

- Exploration of new technologies like Ethereum, Quorum or IPFS.
- State of the art: keeping updated regarding blockchain-related news
- Participation in the *ConsenSys Academy Blockchain Program Bootcamp*.
- Project Management as part of the BFA Acceleration program (under new company *Enxendra Auto SL*):
- Weekly meetings with DAMIEN DELEBECQUE (PSA) from 2018 Q3 to 2019 Q2.
- Design and development of project **Blockchain BFA**
  - [Context: 3rd Business Factory Auto \(BFA\)](#)
  - [R&D Plan](#)
  - [Docuten Blockchain for Java Developers: Project Guide](#)
  - [Details about infrastructure and implementation](#)
- Working on product prototype: [Docuten Supply Chain](#)
- Publication of articles about blockchain-related issues based on Marketing needs:
  - [Blockchain: ¿qué es y cómo funciona?](#)
  - [Blockchain: Soluciones aplicables](#)
  - [Desarrollando soluciones blockchain en un marco legal](#)
  - [¿Qué ha logrado el blockchain en los últimos 10 años?](#)
  - [Firma digital con auditoría pública y distribuida en el blockchain](#)
  - [Docuten y su ecosistema blockchain](#)
- Creation of educational videos about blockchain (in collaboration with the Marketing Team):
  - [Ventajas de la descentralización](#)

- ¿Qué es una DApp?
  - ¿Qué es un hash?
  - Blockchain como garantía de seguridad internacional
  - ¿Qué es un smart contract?
- Coordination with Alastria:
    - Member of the Alastria IT Strategic Committee.
    - Member of the Alastria Slack.
    - Alastria Telsius: Participation in the testing phase with one of the three first nodes of the network.
    - Meetings and updates.
  - Assistance to Business, Commercial and Marketing teams regarding decentralization/DLT/blockchain.

### Other responsibilities:

- Participation in Commercial meetings
- Coordination with Business Team for Product Definition tasks
- Collaboration in grant/project writing processes (with both Financial and Business departments)
- Supporting other team members
- Mentoring students during internship
- Assistance to meetings with international partners/customers
- Full-Stack Software Development
- Management and Functional Analysis
- Scrum Master (until paternity leave)

## Career Plan: Technical Lead / Lead Software Engineer

Decentralization and distributed technologies have been part of my personal and professional path since so many years ago. However, I truly feel that besides the hype, blockchains are only important when distributed consensus is needed.

As part of my academic and professional career, Research and Development have been always present. I finished my Ph.D. while working in Enxendra. And actually, it was around my third or fourth year at Docuten, when my "blockchain expertise" started to be considered an asset to be used commercially. Before that, I was a Software Engineer with a growing variety of responsibilities. And the blockchain was part of my personal and side-career entrepreneurial experiments.

So far, I really feel that I have already provided enough value as Blockchain Expert to Docuten. Probably it is the right moment to get some return of the investment, rather than continuing developing solutions in that regard. No more technical effort is needed in the following months (in my humble opinion).

Our DLT infrastructure, our smart contracts and its integration with our product is quite mature and does not need 100% of my effort anymore. At the same time, my current role is still important for the Business, Commercial, and Marketing side of the game, at least regarding the marketing-lead efforts to promote our company as one of the "cool" leaders in the blockchain war 😊

However, in relation to more technical aspects, I rather feel that I want to keep growing as a Software Engineer. I like to get work done and allocate efforts where they are actually needed.

Before my current role as Blockchain Expert, I already worked for several years in the realm of Software Development, performing tasks related to Functional Analysis, Design decisions, and full-stack programming.

As a Senior Software Engineer, I explored different technologies, learned about architecture, design patterns, testing, analysis, project management, team collaboration and a wide variety of topics within this field of knowledge.

In that regard, rather than directing my career towards a specific paradigm like blockchain-related technologies, I feel quite comfortable evolving in a wider spectrum.

In that regard, I would consider my goal-role something like what is called *Lead Developer* or *Lead Software Engineer*:

They can act as a senior developer (mentoring, providing general design guidance and putting work into the foundation and early stages of a product's development) [...] But more importantly, they are a bridge or connector between the development team and the other business-oriented departments in the organization.

According to what I have been reading, a *Lead Software Engineer* should have the following skills:

- Good communication skills
- Good understanding of the product
- Good understanding of the business problem the software is solving
- Good understanding of the field the software's users are part of
- Understanding of other disciplines like management, product development, marketing, etc.

I honestly think that so far I have been already performing some of the responsibilities of this role for a while. Additionally, I consider that some of the skills which are required by that role are part of my current strengths.

I believe though that I still have so many things to learn as a Software Engineer. And considering that probably I should keep the "Blockchain Expert" label for commercial purposes during months (or years, you never know), I have enough time to work towards my professional improvement in that regard.

The trick is to find which are the issues I should consider more important in order to continue growing, as a *Lead Software Engineer*, as a *Technical Lead*.

## Medium-term Goals (2020):

### Focus: **High-Quality Product**

- Personal goals:
  - Improving TDD knowledge in order to apply it to Docuten.
  - Improving Clean Code + Good Practices
  - Internal talks / Mentoring
- Team-oriented goals (help walking towards...):
  - Decrease time span since the creation of an issue to its final deployment in a Production environment.
- Bonus track (if there is time and value is provided):

- Product-oriented R&D
- Keep posting articles (coordinate with Marketing)