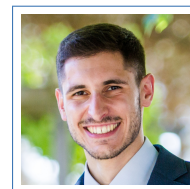


Andy Gonçalves

Software Engineer

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General

- Traits** An enthusiastic and straightforward team player, I love to learn and hear about different points of view. Very communicative, love getting feedback and improving.
- Interests** Distributed systems and cloud computing. Software development and engineering in general.
- Experience** Architecture and implementation of the backend of cloud applications. Implementation of all the stack levels of web applications. Some experience in functional analysis and design of web and mobile applications. Master thesis in cloud computing.
- Life** Biker, keyboard enthusiast, and former competing martial artist.

Professional Experience

- 2016–now **Talkdesk**, (*1 year, 11 months*), Software Engineer, Cloud-based call center solution. Designing and developing the new core systems of the product, responsible for routing and managing calls and other interactions. Maintaining the legacy call routing system.
- 2013–2016 **Safira/KPMG**, (*2 years, 5 months*), Software Developer, IT for financial services. Full stack development of web applications, mobile web applications, and middlewares, for banks and insurance companies, using IBM technologies.

Education

- 2011–2013 **Masters in Computer Science Engineering**, *Nova University*, Lisbon, *17/20*.
2 years MSc (Eng), focus on distributed systems. Thesis in cloud storage systems, with a grade of *18/20*.
- 2012 **Teaching assistant**, *Nova University*, Lisbon, Introduction to Computers and Programming.
- 2008–2011 **Diploma in Computer Science Engineering**, *Nova University*, Lisbon, *15/20*.
3 years BSc (Eng).

Technical Skills

- General** OO/functional programming, TDD, SOA and Microservices, event-driven architectures
- Languages** Ruby, Elixir, Java (main ones)
Javascript, HTML5, CSS3, C, C++, Matlab, Python, PHP, Prolog
- DBs** MongoDB, PostgreSQL, SQL Server
- Tools** Git, SVN, Unix/Linux usage, \LaTeX
- Misc.** Docker, Twilio, Heroku, IBM BPM, IIB/WMB