

António Nuno Monteiro August 13, 1990

Last update on October 19, 2014

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Summary

Curious by nature and a geek per se, open source enthusiast with an entrepreneurial mindset, a passion for continuous learning and delivering value by designing and developing well-tested, maintainable software.

After being introduced to programming as a freshman Electrical Engineering student, António quickly realised that he wanted to pursue a Software Development and Engineering career, dropping out to study Computer Science and Engineering. From 2010 to 2014, he studied and graduated in Computer Science, but didn't settle for what was being taught in classes, teaching himself a variety of skills outside the scope of the *curriculum*, such as Python and Bash programming,

L^AT_EX and Beamer typesetting.

His passion for UNIX and the open source movement made him want to try quite some different flavours of Linux, finally settling for [ArchLinux](#) until, more recently, switching to OSX.

His curious by nature mindset took him to acknowledge the benefits of TDD/BDD and Extreme Programming methodologies, becoming almost an evangelist of Test Driven Development and Continuous Integration best practices.

His most recent passion is Full-Stack JavaScript and Node.js development, as well as document oriented NoSQL databases, which he is always eager to learn more about and build applications with.

Experience

[Safira](#)

Software Developer

Safira is a Portuguese IT consulting boutique focused on improving the way organisations do business, mainly through [IBM BPM](#) applications. In charge of designing and developing IBM BPM process applications to the company's clients. Delivering consistent, production ready JavaScript (mostly plain JavaScript – on the server –, jQuery and Dojo – on the client side), Java and SQL code. Administering WebSphere servers and clusters. Analysing and delivering performance optimisations on the applications and the WebSphere JVM.

LISBON, PORTUGAL

Sep '13 – Sep '14

[CMVM - Comissão do Mercado de Valores Mobiliários](#)

Summer Intern

CMVM, the Portuguese Securities Market Commission, is responsible for supervising and regulating securities and other financial instruments markets (traditionally known as “stock markets”) in Portugal. The summer internship was focused on helping implementing the [ITIL](#) standard within the IT department of the organisation.

LISBON, PORTUGAL

Jul '13 – Sep '13

Please refer to my [LinkedIn profile](#) for a more complete list of work experiences along with recommendations.

Education

[Technische Universität Dresden](#)

MSc – Distributed Systems Engineering

Focused on systems engineering, fault tolerance and scalability, distributed systems and its applications and software engineering.

DRESDEN, DEUTSCHLAND

2014 – present

[Faculdade de Ciências e Tecnologia - UNL](#)

BSc – Computer Science & Engineering

Finished with a grade point average of 16/20. Focused on algorithms and data structures, distributed systems and networks, and databases. Picked up quite some Java skills in the process.

CAPARICA, PORTUGAL

2010 – 2014

[Escola Secundária Fernão Mendes Pinto](#)

Science and Technology (pre-university secondary education)

Finished with a grade point average of 18/20

ALMADA, PORTUGAL

2002 – 2008

Other Education / Certifications:

[MongoDB University](#)

M101JS: MongoDB for Node.js Developers (Certificate)

ONLINE

2014

[Cambridge University](#)

Certificate of Proficiency in English (CPE)

Grade B.

LISBON, PORTUGAL

2011

Musical Theory / Piano / Analysis and Techniques of Composition

1999 – 2008

Completed the ABRSM equivalent of Musical Theory grade 8 and Piano grade 5. Finished the 3-year course of Analysis and Techniques of Composition, which focuses on a general understanding of the musical composition processes and techniques spanning from the 13th to the 21st century.

Skills

Technical expertise: Software design and development, with(in) a team. Big fan of Agile and XP (Extreme Programming) methodologies, TDD (BDD). Loves writing JavaScript/Java/Python, and has been appreciating functional languages such as Lisps (particularly Clojure/ClojureScript) further and further. Strong understanding of relational and document oriented databases; substantial technical skills in SQL/T-SQL. Solid knowledge of web technologies: HTML5, CSS3, XML, REST, SOAP, JSON, AJAX/XHR and JavaScript (mostly ECMAScript 5.1, Node.js and jQuery). Fan of Git as a distributed version control system.

Natural languages: Portuguese (*mother tongue*), English (*native or bilingual proficiency*), French (*limited working proficiency*).

Interests

Non-exhaustive and in alphabetical order: bossanova (music), databases, design patterns (software), distributed systems, functional programming, guitar, JavaScript, history, literature, music, open source, piano, programming, programming languages, programming paradigms, software engineering (best practices and methodologies), travel, UI/UX-design.