

João DUARTE

PERSONAL DATA

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SUMMARY

I'm a software engineer interested in challenging problems that can be solved by the right set of tools. I also enjoy programming in Ruby and leveraging Ruby for quickly developing, prototyping and bootstrapping solutions.

WORK EXPERIENCE

2008 - PRESENT *CEP Engineer* at **PT Comunicações**, Lisboa

- Core developer TODO
- SCRUM Master

2007 - 2008 *Intern developer* at **PT Comunicações**, Lisboa

- Helped to develop core functionality in an IT infrastructure monitoring solution

2004 - 2005 *Trainee* at **INESC-ID**, Lisboa

- Exploratory work involving RFID, Bluetooth and Microsoft .NET compact framework

EDUCATION

2003 - 2007 **Instituto Superior Técnico, Universidade Técnica de Lisboa**, Lisboa
Bachelor of Science in SOFTWARE ENGINEERING

2007 - 2009 **Instituto Superior Técnico, Universidade Técnica de Lisboa**, Lisboa
Master of Science in SOFTWARE ENGINEERING

LANGUAGES AND FRAMEWORKS

Ruby / JRuby		Developed several components for an event processing stack, such as event preprocessors, input/output adapters for a correlation engine
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C		Formal training in college (complex data structures and graph traversing algorithms).
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PLATFORMS AND TECHNOLOGIES

CEP (Esper)	Constructed a tiered QoS evaluation model for IT architectures Wrote a set of alarms for detecting in real-time individual and common malfunctions of telco customers with high throughput requirements (1000 events/s) Mentored an employee
Linux / Unix	Extensive use of Linux for both personal and enterprise use (distributions: RHEL, RedHat, Debian, SlackWare, SuSE, ArchLinux)
Databases	MySQL, MongoDB
Web Servers	Sinatra for small web applications and REST APIs.
Revision Control	Used CVS in college, SVN in both college and work, using git for the last 3 years whenever possible

CERTIFICATES

2011 Certified SCRUM Master (CSM)

INTERESTS AND ACTIVITIES
