

# Sérgio Lopes

SOFTWARE ENGINEER · PROJECT MANAGER · TEACHER/PROFESSIONAL TRAINER

Portuguese, born 1982/10/05, living in Leiria, Portugal

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## Skills

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<b>Main</b>	Extreme Programming, Java SE, Swift, HTML5, CSS, Cordova, Yii, jQuery, BackboneJS, MySQL/HSQLDB/DB40, C#, Apache WebServer, Debian GNU Linux
<b>Entry Level</b>	Scala, Python, Flask, SQLAlchemy, Java EE, Lua, Corona SDK, LibGDX, MS SQL Server, MS Windows Server 2012
<b>Tools</b>	Visual Studio, InnoSetup, SharpDev, NetBeans IDE, Android Studio, Git, SVN, Redmine, AsciiDoctor, XCode, PoEdit, VirtualBox, Vagrant, composer
<b>Languages</b>	Portuguese (native speaker), English (fluent)

## Experience

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### School of Technology and Management, IPL

*Leiria, Portugal*

TEACHER, INVITED ASSISTANCE

*Sept. 2016 - current*

- Teaching programming courses of the Computer Science Department. Currently Android and Windows/C# application development.

### Lusoparticipações Avalibérica, S.A.

*Leiria, Portugal*

SOFTWARE ENGINEER

*May 2015 - current*

- Senior software developer and project and team manager.
- Head of IT department.

### Avalibérica, Lda.

*Leiria, Portugal*

SOFTWARE ENGINEER

*July 2014 - April 2015*

- Senior software developer, developing software to support the company's business model.

### Freelancer & Appsalad B.V.

*Leiria, Portugal*

CONSULTANT/SOFTWARE DEVELOPER

*Sept. 2013 - May 2014*

- Project manager.
- iOS and Android application development.
- Back-end/API development, supporting iOS and Android applications.
- Often joining remote teams to help with delivering and meeting project deadlines.

### Appsalad, Lda.

*Castelo Branco, Portugal*

SENIOR SOFTWARE DEVELOPER AND PROJECT MANAGER

*Oct. 2012 - June 2013*

- Design and development of mobile applications and the required back-end systems.
- Team manager and client/developer team liaison.
- Debian and Ubuntu server maintainer; responsible for the APP's submission processes (iOS and Android).

### Freelancer

*Leiria, Portugal*

CONSULTANT/DEVELOPER AND PROFESSIONAL TRAINER

*2010 - 2012*

- Development of several bespoke software solutions using, mainly, WEB technologies.
- Development of hardware and systems integration solutions.
- Professional trainer, teaching courses on C, Java and PHP.

### FPTIC, Lda.

*Leiria, Portugal*

PROGRAMMER ANALYST, TRAINEE

*Sept. 2008 - Nov. 2009*

- Developing and maintaining the company's flagship software product.
- Team manager.
- WEB and E-mail server maintenance.

## Education

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### School of Technology and Management and School, Polytechnic Institute of Leiria.

*Leiria, Portugal*

COMPUTER ENGINEERING - MOBILE COMPUTING

2013 - 2016

- Master's Report titled "Plataforma de gestão processual de processos e leilões". Avg. 19/20.

### School of Technology and Management and School, Polytechnic Institute of Leiria.

*Leiria, Portugal*

COMPUTER ENGINEERING

2000 - 2008

- Avg. 15/20.

## Other Info

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### CAP

*Portugal*

PROFESSIONAL APTITUDE CERTIFICATE

2009 - current

- Professional trainer since 2009.
- Teaching courses in software development and programming languages.

### Hobbies

OTHER INTERESTS, OUTSIDE IT

- Airsoft
- Reading, Japanese culture
- Beekeeping, Cooking

## Main Projects as a Freelancer

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*Portugal*

PHP/HTML/Javascript, REDHAT ENT.5, C#, MS WINDOWS, MYSQL, BACKBONEJS

2012

- Kiosk and videoconferencing system to help bank clients subscribe to financial products.

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*Madeira, Portugal*

PHP/HTML/Javascript, DEBIAN LINUX, MS WINDOWS, MYSQL

2011

- Survey platform for shopping mall and airport kiosks, providing survey management, statistics and reports.

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*Espanha*

PHP/HTML/Javascript, DEBIAN LINUX, C#/C++, MS WINDOWS 7, MYSQL, ORACLE 11G.

2011

- Self-service pick up system, for on-line bought groceries.
- Integrating outdoors kiosk with existing Oracle 11g based sale system and adding administration and statistics areas.

### Opentek PGI

*Lisboa, Portugal*

PHP/HTML/Javascript, GNU LINUX, C#/MS WINDOWS, MYSQL

2012

- Platform to control printing expenses and consumables for printers in a network, with automatic setup of newly connected printers and models, reporting features and statistics.

### Plesform

*Leiria, Portugal*

PHP/HTML/Javascript, MYSQL, GNU LINUX

2010 - 2012

- Platform that offers all features required for managing Portuguese professional training programs, for all existing programs.

### PGEST

*Leiria, Portugal*

PHP/HTML/Javascript, MYSQL, GNU LINUX

2009

- Software to manage the POPH/ASE public school financing programs. Deployed on a Debian server virtualized on a Windows Server 2003 using VirtualBox.