

# Sérgio Lopes

SOFTWARE ENGINEER · PROJECT MANAGER · TEACHER/PROFESSIONAL TRAINER

Portugal

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## Skills

<b>Main</b>	Extreme Programming, C#(Vb).Net, PHP8, Java SE, Swift, HTML5, CSS, Play Framework 3, Yii2/3, jQuery, Oracle JET, PostgreSQL, MSSQL, MySQL, SAP HANA, Apache & NGINX WebServers, Debian GNU Linux, C, JavaScript, Android, iOS
<b>Entry Level</b>	Scala, Python, Flask, SQLAlchemy, Java EE, Lua, Corona SDK, DB4O, Windows Server 2012, Vue3, SAP B1, SAP B1if, ServiceStack, NancyFx
<b>Tools</b>	Visual Studio, InnoSetup, NetBeans IDE, Git, SVN, Redmine, Jira, Youtrack, XCode, PoEdit, VirtualBox, Vagrant, Composer, Blender, JetBrains Toolbox (IDEA, PhpStorm, DataGrip, Rider, etc.)
<b>Languages</b>	Portuguese (native speaker), English (fluent)

## Experience

### Erofi Engenharia S.A.

Batalha, Portugal

SOFTWARE ENGINEER AND PROJECT MANAGER

Nov. 2019 - current

- Senior programmer analyst and project manager. Responsible for the Software Development Department.
- Development of software solutions to support the company's business processes and models, especially the company's ERP company, CAD/CAM support tools and automation solutions for production.

### Freelancer

Portugal

CONSULTANT/SOFTWARE ENGINEER AND PROFESSIONAL TRAINER

Set. 2017 - current

- Development of customized software solutions for WEB, mobile devices, systems and hardware integration.

### Be one solutions A.G.

Switzerland

SOFTWARE ENGINEER

Sept. 2017 - Nov. 2019

- Development of integration solutions with ERP SAP Business One (warehouse management, accounting, production management) services/services, etc.) and applications for mobile devices (barcode scanners, smartphones, etc.) in the area of warehouse, inventory and services.
- As part of the European development team that provides services to all regions where B1S is located (Americas, China, Japan, Asia/Pacific, Europe), and customer support in projects developed, remotely and in person.

### Lusoparticipações Avalibérica, S.A.

Leiria, Portugal

SOFTWARE ENGINEER

July 2014 - Aug. 2017

- Senior Programmer Analyst and Project Manager
- Development of software solutions to support the company's business model; head of IT department.

### School of Technology and Management, IPL

Leiria, Portugal

TEACHER, INVITED ASSISTANCE

Sep. 2016 - July 2017

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

### Appsalad B.V. & Freelancer

Portugal

CONSULTANT/SOFTWARE DEVELOPER

Sep. 2013 - May 2014

- Project manager.
- iOS and Android application development.
- Backend/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

Portugal

CONSULTANT/SOFTWARE ENGINEER AND PROFESSIONAL TRAINER

2010 - 2012

- Development of several bespoke software solutions using C, C++, Java, PHP, HTML/CSS/JavaScript.
- Development of hardware and systems integration solutions.
- Professional trainer, teaching courses on C, Java and PHP.

## FPTIC, Lda.

Leiria, Portugal

PROGRAMMER ANALYST, TRAINEE

Sep. 2008 - Nov. 2009

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

## Education

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

Leiria, Portugal

CYBERSECURITY AND DIGITAL FORENSICS

2023 - present

### 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

### CAP

Portugal

PROFESSIONAL APTITUDE CERTIFICATE

2009 - current

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

### Hobbies

OTHER INTERESTS, OUTSIDE IT

- 3D Modeling
- Archery and Airsoft
- Reading and Japanese culture
- Beekeeping

## Main Projects as a Freelancer

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Portugal

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

2011

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

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Spain

PHP/HTML/JS, 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

Lisbon, Portugal

PHP/HTML/JS, 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/JS, 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/JS, MySQL, GNU LINUX

2009

- Management system for the POPH/ASE public school financing programs. Deployed on a Debian server virtualized on a Windows Server 2003 using VirtualBox.