**Pedro Miguel Lopes**

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### Profile

I’m a Developer and a DevOps Engineer, with 20 years of experience, 12 in the UK alone. I have witnessed the evolution of the programming paradigms and the birth of the Cloud technologies.

I take ownership of my work. I always aim to apply the best possible practices, continuously researching and participating on discussions with colleagues and communities.

I’m self-motivated, technology-driven, methodical, organised and resourceful, with a keen eye for detail.

I understand that technology shouldn't be used "per se" but as the final step of a business process, helping exactly where it needs it as opposed to driving it.

My main technologies are:

* On the Cloud:
  + AWS, Linux and Python
* In application Development:
  + PHP Frameworks (MVC Paradigm / OOP / PSR Standards / TDD )
  + Microsoft SQL Server / MySQL / PostgreSQL / MariaDB
  + Apache / Nginx
  + Docker
  + Linux / Mac / Windows

### Experience

IN THE UK

**GForces Ltd DevOps Engineer Jun 2018 / Present**

* Successfully integrated the “go-to” team of engineers who develop and support the considerable Cloud infrastructure of the Company.
* Exponentially increased my technical skills on the Cloud having recently achieved the AWS Solutions Architect certification.
* I’m currently waiting to take the AWS Developer certified exam, in a few weeks.

**Burke & Best Ltd Senior Server Engineer Nov 2017 / Jun 2018**

* Migrated the entire gaming server infrastructure to the AWS Cloud.
* Supported and improved the server-side source code of the Company’s main multi-million users game.
* Developed a new server backbone to support the new game.

**Tremolo Software Ltd Software Engineer Sep 2017 / Nov 2017**

**(Formerly known as PureChannelApps)**

* In the short period with the company, I was part of the team responsible for the modernization of the software systems.

**Expense Reduction Analysts Ltd Business Systems Developer Oct 2016 / Jul 2017**

* Became the interface between the Company’s worldwide stakeholders and the third party software development suppliers, in the role of acting Head of IT.
* Consolidated the requirements of the America and Oceania continents into the new CRM.
* Achieved the production deadline of the global CRM on time.

**Singularbit Ltd Director / Senior Web Developer Nov 2012 / Oct 2016**

* Rewrote, in PHP (CodeIgniter), the Connect-TCM call centre Microsoft application.
* Deployed the Development, QA/UAT and Production infrastructures to AWS.
* Integrated 3rd party APIs such as SendGrid, SugarCRM, Marketo, N200, TPS, and others.
* Developed and supported an array of web platforms to a variety of clients.

**OPTIMA / CDS Global Ltd Web Developer Jul 2008 / Nov 2012**

* Took ownership of the Company’s ERP system development focused on client billing.
* Developed subscription and controlled circulation support into Company’s clients websites.
* Developed direct debit and credit card gateways for Company’s clients websites.

IN PORTUGAL

**Self-employed Full Stack Developer 2003 / 2008**

* Built the production management software for E.G.F. PLC newspaper printing plant.
* Built commercial websites for a variety of clients.

**Seara, Ltd Senior Application Developer 2002 / 2003**

* Built the FutureKids ERP to support the management of classes, teachers, students, grades, timetables, etc.
* Built websites for the company’s clients.

**Gendif, Ltd Director / Lead Application Developer 2000 / 2002**

* Developed the Rainbow Carnaxide Ltd. ERP for sales, technical assistance, accounting, warehousing, inventory and supply chain. (<http://www.rainbowcarnaxide.com/>)

**Litinfor Ltd Application Developer 1999 / 2000**

* Developed Visual Basic/SQL Server applications for the company’s clients.

**Gisp Ltd Web Developer 1998 / 1999**

* Supported ASP/SQL Server applications for the company’s clients.

**Laboratorios Kodak Ltd Application Developer 1997 / 1998**

* Developed Laboratorios Kodak Ltd. ERP for photography production and supply chain.

**Self-employed Application Developer 1996 / 1997**

* Developed S.B.&F. Ltd. ERP for accounting and warehousing.

### Qualifications

Amazon Web Services 2019

* Associate Solutions Architect

UNL/FCT (<http://www.fct.unl.pt/>) 1992 / 1996

* ISCED 7 (Unfinished) Degree in Physics Engineering.

Secondary School 1992

* ISCED 3 Physics, Mathematics and Chemistry.

British Council 1989

* First Certificate Degree in English Language

### Interests

Science & Technology, Privacy & Security and Artificial Intelligence & Robotics.

Climate change.

Meditation.

Photography.

Gardening & Food production.

Cycling, Swimming & Walking/Hiking.

Dutch, German, French & Russian languages.