

## ANDRE LEITE REIS

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### Summary

BS in Computer Science, having expertise in software development, data analysis and databases  
20+ years of professional experience in IT working with many industries, methodologies and technologies

Experienced in business operations like Billing, CRM, sales pipeline, contact center management, e-commerce, provisioning data center services, VoIP, telecommunications, higher education and research market

### Skills Base

**Programming Languages:** *TEX, PHP, Python, Shell Script, Java, JavaScript*

**Databases and Data Science:** *PostgreSQL, Oracle, MS-SQL, PL/pgSQL, Python and R*

**Virtualization:** *VirtualBox, VMWare, Xen, Cloudstack, Docker, Vagrant*

**Operating Systems:** *Linux (Arch, Debian, Ubuntu, CentOS, Fedora), Windows and OSX*

**Networks:** *Internet suite, Sockets, APIs, Webservices*

### Experience

**Queen Mary University of London**

**November 2015 - Present**

*Software Developer*

*London, UK*

**Description:** *A leading university with 4500 employees and more than 25000 students*

**Technologies:** *Java, PHP, Python, Shell Script, Linux, Windows, Docker, RaspberryPi*

**Activities:**

- *create interfaces between systems using shell script, Python, Java, APIs*
- *full-stack development of intranets, websites*
- *performance tuning of database views and queries*

**Projects:**

- *Joint development of a system to manage the student-tutor history with the University of Loughborough using PHP and a home-made MVC framework*
- *Data synchronization between Research Grants Management System and the Financial using APIs*
- *Research Grants Managing System using PHP and Zend Framework*
- *Java command line to run queries based on XML DB catalog*
- *RaspberryPi with a RF Card Reader to collect attendance of NHS program students in offline (or almost) locations (Python and Linux admin issues)*
- *Maintenance to a PHP Zend Framework intranet fixing bugs and creating new functions and reports*
- *Sync scripts to collect and update data between different systems reading and writing a wide range of formats (XML, JSON, web services CSV, fixed length format files)*
- *Migrate websites from an external datacenter to an internal Docker environment*
- *Optimize database views (PostgreSQL, Oracle and MS-SQL)*

**Telium Networks**  
*Lead Developer*

**November 2006 - August 2015**  
*Sao Paulo, Brazil*

**Description:** *Telecom company specialized on corporate networks and datacenters*

**Technologies:** *Linux, PHP, Python, JS, PostgreSQL, MySQL, MongoDB, Git*

**Activities:**

- *system analysis, coding, testing, deploying*
- *manage the infrastructure of servers, network and databases*
- *be the interface between internal clients, the board of the company and the developers*

**Projects:**

- *Databases migrations and upgrades*
- *Customer Control Panel (CodeIgniter and Laravel)*
- *Sales Pipeline (CodeIgniter and Laravel)*
- *Sales activities control (CodeIgniter)*
- *Incidents Managing System for Contact Center (Symfony)*
- *Automation of services life cycle (PHP)*
- *Updates on Billing System (PHP with Mojavi and CodeIgniter)*
- *DNS database modeling and migration from a legacy system*
- *Integration of Billing system with proprietary ERP Protheus*
- *Dashboards, reports and alerts to the board.*

**IFX Networks**  
*Software Developer*

**December 2000 - June 2006**  
*Sao Paulo, Brazil*

**Description:** *Mutinational telecom company focused on Latin America*

**Technologies:** *Linux, PHP, PostgreSQL, Oracle, MySQL and MS-SQL*

**Activities:**

- *create the company intranet to be used over Latin America*
- *Help desk Tickets Management System*
- *Billing system to charge recurrent services and provide reports to finance team*

**Conex Internet Provider**  
*Junior Developer*

**February 1997 - November 2000**  
*Porto Alegre, Brazil*

**Description:** *The first internet provider in the south of Brazil*

**Technologies:** *Visual Basic, ASP, MS SQL, Windows Server, IIS*

**Activities:**

- *develop websites that needed some dynamic behaviour*
- *IIS web-servers administration*

<b>Education</b>	<b>BSc in Computer Science</b> 2001 - 2004 at <i>Universidade Paulista, UNIP</i> 1999 - 2000 at <i>Pontificia Universidade Catolica, PUCRS</i>	Sao Paulo, Brazil Porto Alegre, Brazil
	<b>Computer Networks Technician</b> 1997 - 1998 at <i>Universidade Federal do Rio grande Sul, UFRGS</i>	Porto Alegre, Brazil
	<b>Data Processing Technician</b> 1993 - 1996 at <i>Escola Tecnica Santo Inacio</i>	Porto Alegre, Brazil
<b>Additional Training</b>	2018 <i>Developing APIs</i> at Mulesoft 2015 <i>Java with Struts2</i> at Pluralsight 2014 <i>ITIL Foundations</i> at ITXL, Brazil 2013 <i>Training course PMP-PMI</i> at Euax, Brazil 2008 <i>Agile Software Development</i> at University of Sao Paulo - USP, Brazil 2008 <i>Ruby on Rails Conference</i> at University of Sao Paulo - USP, Brazil 2004 <i>Java teaching assistant</i> at UNIP, Brazil 1999 <i>MS SQL Server Administrator</i> at Microsoft Education Partner, Brazil	
<b>Languages</b>	<b>Portuguese:</b> <i>Native</i> <b>English:</b> <i>Fluent</i> <b>Spanish:</b> <i>Basic</i>	
<b>Volunteering</b>	2015 <i>Half Marathon</i> : Raised funds for multi-ethnic youth club in East London 2008 <i>Summer Camps in Ireland</i> : Sports and recreational activities in community centers 2007 <i>Summer Camps in Israel and Palestine</i> : Maintenance, sports and recreational activities in risky areas 2006 <i>Medical Trip Assistant in Cananeia, Brazil</i> : Logistic support and recreational activities in risky areas	