

ANDRE LEITE REIS

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Summary

- BSc in Computer Science, having expertise in software development, data analysis and databases.
- 20+ years of professional experience in IT working in different industries, using different 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

- **Operating Systems:** Linux (Arch, Debian, Ubuntu, CentOS, Fedora), Windows and OSX;
- **Networks:** Internet suite, Sockets, APIs, Webservices;
- **Programming Languages:** 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;

Experience

Software Developer @ QMUL

London, UK — 2015-11 to present

- Queen Mary University of London
- Technologies: *Java, PHP, Python, Shell Script, Linux, Windows, Docker, RaspberryPi*
- Summary: As a software developer my main activities are:
 - create interfaces to integrate different systems using shell script, Python, Java, , *APIs*
 - full-stack development of intranets, websites and web based systems coding at the front and back-end
 - 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*)

Lead Developer @ Telium

Sao Paulo, Brazil — 2006-11 to 2015-08

- Telium Networks: Brazilian telecom specialized on corporate networks and datacenter
- Technologies: *Linux, PHP, Python, JS, PostgreSQL, MySQL, MongoDB, Git*
- Summary: I was the lead developer on a team of 4 developers doing:
 - system analysis, coding, testing, deploying
 - the management of our infrastructure of servers, network and databases
 - the interface between internal clients, the developers and the board of the company.
- Projects:
 - Databases migrations changing encoding and *PostgreSQL* versions.
 - 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.
 - Several migration of DNS, web and email servers.

Software Developer @ IFX

Sao Paulo, Brazil — 2000-12 to 2006-06

- IFX Networks: a north-american telecom company that invested a lot in Latin America in the early 2000's
- Technologies: Linux, PHP, PostgreSQL, Oracle, MySQL and MS-SQL
- Summary: I was responsible for the design and development of:
 - 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

Junior Developer @ Conex

Porto Alegre, Brazil — 1997-02 to 2000-11

- Conex Internet Provider: The first internet provider south Brazil
- Technologies: Visual Basic, ASP, MS SQL, Windows Server, IIS
- Summary: I was responsible for:
 - the development websites that needed some dynamic behaviour
 - web-servers administration

Education	BSc in Computer Science	
	• Universidade Paulista, UNIP - Sao Paulo, Brazil	2001 to-2004
	• Universidade Católica, PUCRS - Porto Alegre, Brazil	1999 to 2000
	Computer Networks Technician	
	• Universidade Federal, UFRGS - Porto Alegre, Brazil	1997 to 1998
	Data Processing Technician	
	• Escola Técnica Santo Inacio - Porto Alegre, Brazil	1993 to 1996
Additional Training	<ul style="list-style-type: none"> • Java with Struts2: Pluralsight • ITIL Foundations: ITXL, Brazil • Training course PMP-PMI: Euax, Brazil • Agile Software Development: University of Sao Paulo, Brazil • Ruby on Rails Conference: University of Sao Paulo, Brazil • Java teaching assistant: UNIP, Brazil • MS SQL Server Administrator: Microsoft Education Partner, Brazil 	
Languages	<ul style="list-style-type: none"> • Portuguese: Native • English: Fluent • Spanish: Basic 	
Volunteering	<ul style="list-style-type: none"> • Half Marathon in East London: Raised funds for multi-ethnic youth club in East London • Summer Camps in Ireland: Sports lessons and recreational activities for children in community centers. • Summer Camps in Israel and Palestine: Gardening, sports lessons and recreational activities for children in summer camps. • Medical Trip Assistant in Cananéia, Brazil: Logistic support for medical assistance and recreational activities for children in risky areas. 	