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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 @ Queen Mary University of London

location London, UK from 2015-11 to present

- Technologies:
 - *Java, PHP, Python, Shell Script, Linux, Windows, Docker, RaspberryPi*
- Summary:
 - As a software developer my main activities are...
 - code apps to sync and integrate different systems, databases, *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* tool to execute databases queries in the command line based on *XML* 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 Networks

location **Sao Paulo, Brazil** from **2006-07** to **2015-08**

- 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 Networks

location **Sao Paulo, Brazil** from **2000-12** to **2006-06**

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

location **Porto Alegre, Brazil** from **1997-02** to **2000-11**

- Technologies:
 - *Visual Basic, ASP, MS SQL, Windows Server, IIS*
- Summary:
 - Responsible for...
 - the development websites that needed some dynamic behaviour
 - web-servers administration

Education

BSc in Computer Science

- Universidade Paulista - UNIP
location Sao Paulo, Brazil from 2001 to 2004
- Pontifícia Universidade Católica - PUCRS
location Porto Alegre, Brazil from 1999 to 2000

Computer Networks Technician

- Universidade Federal do Rio Grande do Sul - UFRGS
location Porto Alegre, Brazil from 1997 to 1998

Data Processing Technician

- Escola Técnica Santo Inácio
location Porto Alegre, Brazil from 1993 to 1996

Languages

- **Portuguese:** Native
- **English:** Fluent
- **Spanish:** Basic

Additional Training

- **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

Volunteering

- **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.