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Summary

- BSc in Computer Science, having expertise in software development, data analysis and databases.
- 19 years of professional experience in IT working with different industries, methodologies and technologies.
- Experienced in business operations like Billing, CRM, sales pipeline, contact center management, ecommerce, 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, plus some experience with Ruby;
- **Data Science:** Strong SQL, PL/pgSQL, Python and R;
- **Virtualization:** VirtualBox, VMWare, Xen, Cloudstack, Docker, Vagrant;



Experience

- **Software Developer @ Queen Mary University of London - UK** 
 - November 2015 - Present
 - Technologies:
 - *Java, PHP, Python, Shell Script, Linux, Windows, Docker, RaspberryPi*
 - Summary:
 - I maintain and develop systems coding the front and back-end and new ‘interfaces’ to integrate different systems.
 - 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 a commercial *RGMS* and the financial system 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
 - Generic Java tool to execute databases queries from a XML catalog
 - Raspberry Pi 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 Server)

- **Lead Developer @ Telium Networks - Brazil**

- July 2016 - August 2015
- Technologies:
 - *Linux, PHP, Python, JS, PostgreSQL, MySQL, MongoDB, Git*
- Summary:
 - My main role there was the lead developer on system analysis, coding, testing, database issues and deploying systems. to meetings with internal clients and the board of the company.
- Projects:
 - Databases migrations changing encoding and PostgreSQL versions.
 - Customer Control Panel (version 1 with CodeIgniter and version 2 with Laravel, Eloquent, Bootstrap).
 - Sales Pipeline (v1 Code Igniter, PL/pgSQL, v2 Laravel/Eloquent/Bootstrap).
 - Sales activities control (CodeIgniter).
 - Incidents Managing System for Contact Center (Symfony/Doctrine/ExtJS).
 - Automation of services lifecycle (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 - Brazil**

- December 2000 - June 2006
- Technologies:
 - *Linux, PHP, PostgreSQL, Oracle, MySQL and MSSQL*
- Summary:
 - Member of a team responsible to design and develop the intranet for the whole company over latin america. It had to be a multi language, region with a complex permission system. It was also divided in modules and I was responsible for trouble tickets. Among other activities and projects, I attended a project to develop a billing system to charge recurrent services applying several business rules.

- **Junior Developer @ Conex Internet Provider - Brazil**

- February 1997 - November 2000
- Technologies:
 - *Visual Basic, ASP, MS SQL, Windows Server, IIS*

Education

- **BSc in Computer Science**

- **Universidade Paulista UNIP (PUC-RS)**
 - December 2004
 - São Paulo, Brazil
- **PUC-RS**
 - December 2000
 - Porto Alegre, Brazil

- **Computer Networks Technician**

- **Universidade Federal do Rio Grande do Sul (UFRGS)**
 - December 1998
 - Porto Alegre, Brazil

- **Data Processing Technician**
 - **Escola Técnica Santo Inácio**
 - December 1996
 - Porto Alegre, Brazil

Languages

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

Additional Training

- **Java with Struts2:** Pluralsight
- **ITIL:** ITIL Foundations (ITXL)
- **PMI:** Training course PMP-PMI (Euax)
- **Agile:** Agile Software Development (University of Sao Paulo)
- **Ruby on Rails:** RejectCode Ruby on Rails Conference (University of Sao Paulo)
- **Java:** Java teaching assistant (UNIP)
- **MS SQL:** MS SQL Server Administrator (Microsoft Education Partner)

Volunteering

- **Half Marathon in East London:** Raised funds for multi-ethnical youth club in East London
- **Summer Camp in Ireland:** Sports lessons and recreation activities for children in a community center.
- **Reconciliation experience in Israel and Palestine:** Gardening, sports lessons and recreation activities for children in summer camps.
- **Logistic Assistant in Cananéia, Brazil:** Logistic support for medical assistance and sports lessons and recreation activities for children in risky areas.