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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 2015-11 to present

- London, UK
- 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 students (*Python* and *Linux* admin issues)
 - Maintenance to a *PHP* and *Zend Framework* intranet
 - 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 at Telium Networks 2006-11 to 2015-08

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

- Sao Paulo, Brazil
- 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 1997-02 to 2000-11 - Porto Alegre, Brazil - 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 - Sao Paulo, Brazil 2001 to-2004
- Pontificia Universidade Católica, PUCR - Porto Alegre, Brazil 1999 to 2000

Computer Networks Technician

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

Data Processing Technician

- Escola Técnica Santo Inácio - Porto_Alegre, Brazil 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.