Summary

- BS 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

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

- **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

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

Experience

Queen Mary University of London November 2015 - Present
Software Developer

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

I maintain and develop systems coding the front and back-end and new 'interfaces' to integrate different systems.

Projects:

- Joint development with the University of Loughborough to develop a PHP web system (front and back-end)

- Python back-end interface between a commercial RGMS (Research Grant Management System)) and the financial system using APIs

- Research Grants Managing System using PHP and Zend Framework

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- Command line based Java tool to execute databases queries reading a XML data sources catalog

- Raspberry Pi with a RF Card Reader to collect attendance of NHS program students in offline locations (Python and Shell Script)

- 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 data-center to an internal Docker environment

- Optimize database views (PostgreSQL, Oracle and MS SQL Server)

Telium Networks November 2006 - August 2015
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¯ IFX Networks December 2000 - June 2006
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¯ Conex Internet Provider February 1997 - November 2000
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Education

BSc in Computer Science
2001-2004 at Universidade Paulista, Sao Paulo, Brazil
1999-2000 at Pontificia Universidade Catolica PUCRS, Porto Alegre, Brazil

Computer Networks Technician
1997-1998 at Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil

Data Processing Technician
1993-1996 at Escola Tecnica Santo Inacio, Porto Alegre, Brazil

Languages

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

Additional Training

- **ITIL**: ITIL Foundations (ITXL)
- **PMI**: Training course PMP-PMI (Euax)
- **Agile**: Agile Software Development (IME-USP)

- **Ruby on Rails**: RejectCode Ruby on Rails (IME-USP)
- **Java**: Java Course monitoring (UNIP)
- **MS SQL**: MS SQL Server Administrator (Microsoft Education Partner)

Volunteering

- **East London**: Raising money for multi-ethnical youth clubs running The Big Half Race
- **Ireland**: Sports lessons and recreation activities for children in a community center.
- **Israel and Palestine**: Gardening, sports lessons and recreation activities for children in summer camps.
- **Cananeia, Brazil**: Logistic support for medical assistance and sports lessons and recreation activities for children in risky areas.