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Summary

BS in Computer Science, having expertise in software development, data analysis and databases
Experienced in IT working with many industries (manufacturing, telecom, education)
Experienced in business operations like billing, sales pipeline, contact centre management, e-commerce, services automation, VoIP, ETL

Skills Base

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

Queen Mary University of London   November 2015 - Present
Software Developer   *London, UK*

Description: *A leading university with 4500 employees and more than 25000 students*

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

Activities:

- *create interfaces between systems using shell-script, Python, Java, APIs*
- *full-stack development of an intranet and websites*
- *performance tuning of database views and queries*

Projects:

- *Data quality automation tool using Python and JDBC*
- *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 the Research Grants Management System and the Financial using APIs*
- *Research Grants Managing System using PHP and Zend Framework*
- *Java app to run queries based on XML DB catalogue*
- *RaspberryPi with an 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 data centre to an internal Docker environment*
- *Optimize database views (PostgreSQL, Oracle and MS-SQL)*

Telium Networks   November 2006 - August 2015
Lead Developer   *Sao Paulo, Brazil*

Description: *Telecom company specialized in corporate networks and data centres*

Technologies: *Linux, PHP, Python, JS, PostgreSQL, MySQL, MongoDB, Git*

Activities:

- *system analysis, coding, testing, deploying*
- *manage the infrastructure of servers, network and databases*
- *be the interface between internal clients, the board of the company and the developers*

Projects:

- *Databases migrations and upgrades*
- *Customer Control Panel (CodeIgniter and Laravel)*
- *Sales Pipeline (CodeIgniter and Laravel)*
- *Sales activities control (CodeIgniter)*
- *Incidents Managing System for Contact Centre (Symfony)*
- *Automation of services life cycle (PHP)*
- *Updates on Billing System (PHP with OO frameworks)*
- *DNS database modelling and migration from a legacy system*
- *Integration of Billing system with proprietary ERP Protheus*
- *Dashboards, reports and alerts to the board.*

IFX Networks   December 2000 - June 2006
Software Developer   *Sao Paulo, Brazil*

Description: *Multinational telecom company focused on Latin America*

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

Activities:

- *create 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*

Conex Internet Provider   February 1997 - November 2000
Junior Developer   *Porto Alegre, Brazil*

Description: *The first internet provider in the south of Brazil*

Technologies: *Visual Basic, ASP, MS SQL, Windows Server, IIS*

Activities:

- *develop websites that needed some dynamic behaviour*
- *IIS web-servers administration*

Education	**BSc in Computer Science**	
	Universidade Paulista, UNIP in *Sao Paulo, Brazil*	2001 - 2004
	Pontificia Universidade Catolica, PUCRS in *Porto Alegre, Brazil*	1999 - 2000
	Computer Networks Technician	
	Universidade Federal do Rio grande Sul, UFRGS in *Porto Alegre, Brazil*	1997 - 1998
	Data Processing Technician	
	Escola Tecnica Santo Inacio in *Porto Alegre, Brazil*	1993 - 1996

Additional Training	**Developing APIs** at *Mulesoft*	2018
	Java with Struts2 at *Pluralsight*	2015
	ITIL Foundations at *ITXL, Brazil*	2014
	Training course PMP-PMI at *Euax, Brazil*	2013
	Agile Software Development at *University of Sao Paulo - USP, Brazil*	2008
	Ruby on Rails Conference at *University of Sao Paulo - USP, Brazil*	2008
	Java teaching assistant at *UNIP, Brazil*	2004
	MS SQL Server Administrator at *Microsoft Education Partner, Brazil*	1999

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

Volunteering	**Half Marathon**	
	Raised funds running for a charity in East London	2018
	Summer Camps in Ireland	
	Sports and recreational activities in community centres	2008
	Summer Camps in Israel and Palestine	
	Maintenance, sports and recreational activities in risky areas	2007
	Medical Trip Assistant in Cananeia, Brazil	
	Logistic support and recreational activities in risky areas	2006