

# Ricardo Striquer Soares - Curitiba/PR/Brazil (I am an Italian citizen and I can move anywhere in EU right away)

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According to D.I.S.C. "Initiative is my highlight, I am objective, focused on results and take risks independently and innovatively. I am attentive to opportunities, I can be involved in several projects and know how to prioritize activities. I have a fast pace, I am dynamic and creative."

## Objectives: High Technical Challenges Development or Advanced Technical Team Management

- Diversified knowledge beyond the IT area, with emphasis on team management, brazilian accounting, financial, commercial, marketing, advertising, advertising and design.
- More than 20 years of professional experience with high-traffic servers and more than 30 years of academic experience;
- Professional development experience in several projects where I could implement IoT (Internet of Things), AI (Specialist System Artificial Intelligence Type) and **IBM Watson** integration, **Amazon AWS**, GCP (**Google Cloud** Platform), BI (Business Intelligence);
- Working experience with Unix (IBM-AIX), Unix-Like (Linux/FreeBSD) and Windows. **High programming level: C, PHP** (on 3, 4, 5, 7 and 8 versions), SQL, Bash/Shell e Basic (pure Basic, VB and VB.Net). **Intermediate level: GoLang, C#.Net, C++** (Borland C++ Builder e GNU GCC), NinjaScript, MQL 4 and 5, Progress 4GL, Delphi, **Node.JS** e **Java (8, 11 e 16)**. Beginner Level: Ruby, Perl, awk e Python;
- Experience with all phases of the project development lifecycle (SDLC), from requirements gathering with clients to testing and delivery process, using both agile methodologies and the waterfall model with emphasis on eXtreme Programming (XP), **Scrum**, Agile RUP and FDD (Feature Driven Development) methodologies. Experience with performance requirements before and after system development. Extensive use of **Kanban** tools and techniques. Knowledge in ITIL methodologies and processes including **ITSM** with OTRS software operation;
- Experience of more than 10 years in management of small and medium teams in the area of IT making use of both development methodologies as well as maintenance and support systems;
- I implemented **microservices** architecture with API (**RESTful**, REST+JSON, SOAP+XML) using **design patterns** as Single Page Application (**SPA**), Multi Page Application (**MPA**) and **messaging** (push-pull, polling). As well as **GraphQL** API interfaces;
- Experience in Zend Framework, Zend Expressive, **Laravel (5, 8 e 10)**, Symfony, Codelgniter, **phpUnit, jUnit, Jest, NestJS**, NextJS, .Net Core (as well as .Net Framework), **Spring, Hibernate, Doctrine** and IdeiasLang (PHP framework of my own);
- Experience with front-end development with **MVC** using JWT (Java), **TailwindCSS**, Twitter **Bootstrap** and jQuery, I even developed some plugins for jQuery. I also have knowledge in others javascript frameworks as **Vue.JS, React** and Prototype;
- Knowledge in JSON, XML, xBase (Clipper and DBase storage structure), DAT (Cobol storage structure) and CSV structures;
- Work experience in **CI/CD** (Continuous Development, Integration and Deployment) with automation tools like **Jenkins** and **bamboo** for deploying and rolling back web apps and using InstallShield to distribute desktop applications brazilian nationwide;
- Knowledge in security architectures and layers, even acting as Security Analyst in some projects making use of tools like nmap e ZAP (OWASP Zed Attack Proxy);
- Knowledge of the **Docker** and Vagrant tool (similar to Docker, but Vagrant simulates the complete server environment. It is not a container is a virtual machine controller instead), both operation and configuration. Experience in **Terraform** to built environments;
- High level of knowledge in the **MySQL** database and MariaDB (including knowledge in partitioning and replication), **PostgreSQL** and Progress, good knowledge of **Oracle** (i5 to i9 com PL/SQL and **12c**), Informix and **MS SQL** Server databases. Development experience in **Progress 4GL** and procedures for both MySQL and PostgreSQL. Experience with Grafana and telegraf/influxdb. Experience with bases of tens of millions of records and dozens of GB of information;
- Knowledge in automation of tests with the tools Selenium, Jenkins, Apache AB, Apache JMeter and Atlassian Bamboo;
- Versioning of code with **GIT** (github, bitbucket, gitlab and Amazon CodeCommit) with pull-request technique (branch use to team code review). I also had experience of using both CVS and Subversion, including knowledge of server installation and maintenance of both technologies;
- Knowledge in database structure using relational data diagrams tools such as Visio (Microsoft) and Workbench (MySQL);
- Experience developing **UML** documentation using Argo-UML, Rational Rose (IBM). Experience in the development of **BPMN** diagrams with Bizagi and Yaoqiang software;
- Knowledge in Linux servers (RH, Ubuntu, Debian and Amazon), FreeBSD, IBM-AIX and Windows with emphasis on software such as apache,nginx,iptables (with and without csf automation), qmail,postfix, Microsoft IIS, MySQL/MariaDB,PostgreSQL and others;
- High experience in performance enhancements by reducing database call, expanding cache (tmpfs, AWS Redis e Memcached), CDN and shared memory usage (tmpfs, APC and "SHM" functions in PHP and memory addressing in C), query and algorithms enhancements as well as modifying structure and software architecture (from a centralized environment to a distributed environment utilizing elasticity on EC2 and microservices);
- Knowledge in applications such as **SAP Business One (B1)**, SAP/R3, **Microsoft Dynamics CRM**, SalesForce, **SugarCRM** and Magnus EMS (Datasul EMS). I even started to develop an own ERP (without MRP and MRP II implementation) between 2002 and 2005 that was known as Retail;
- Development of decryption software for the Linux platform in C language and with Progress database using the language 4GL;
- Developing Stock exchange market tracking scripts using C# on MetaTrader 4 and 5 as well as NinjaTrader platforms, including form implementation (similar to Windows Forms on .NET);
- I taught basic MS-Office, MS-DOS and MS-Windows classes for non-technical as well as several courses for clients about software I developed. I lectured on information security, project management and various tools in several occasions such as PHP Conference Brasil (in two editions), CONISLI and Latinoware;
- Knowledge and application of theories such as **data warehousing** and **data mining** as well as interpretation of **natural language**;
- Experience with development of map systems using MapServer and understanding of knowledge such as spatial projection, SVG and GML. Data import and manipulation from ArcView;

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## Natural Languages (languages)

- I can read, write and speak fluently in Portuguese for it is my natural born language;
- I can read, write and speak fluently in English with easy understanding for American (Appalachian, Texan/Arkansas, Minnesota/North Dakota/Wisconsin, Southern California and Hawaiian), British (cockney, west country, welsh), Australian, New Zealand and Indian accents;
- I can read, write and speak Spanish (both European and Castelhano);
- I can read technical information in Italian, French and German;

## Highlighted Projects

- **Lime and Limestone Community of Paraná:** Project to the Brazilian government through Mineropar and the association of Lime and Limestone of PR. A spider was developed for internet news mining with interpretation of natural language, a map server was also built using MapServer and a converter that exchanged maps from ArcGIS to mapserver and presented them in multiple map options such as Google Maps and OpenStreetMap. In this project I worked as analyst, developer and manager of the team;
- **FirstClass:** Framework for building, maintaining and evolving virtual stores (e-commerces) that involved several technologies, including national (Brazilian) and international payment services, national shipping services, marketing applications, data mining and data collection applications, as well as several layers of other implementations and security techniques. This application was sold to MadeiraMadeira, currently one of the largest e-commerce retailers in Brazil, and was the basis of its technology. I fulfilled many roles on this job, by and large as a developer, but I worked as analyst and security expert as well as many other position;
- **iBNS:** Email marketing tool that implemented a specialist system, a basic artificial intelligence system that was able to differentiate returning customer emails and error messages from tens of thousands of mail systems per day with which it interacted and transform this information in customer reports. This system implemented multiple subsystems, including an email reception subsystem completely built by me that used the SMTP protocol for receiving messages and validate them with our systems, complementing the error interpretation interface. Same as FirstClass, both were products of my company but in this case the work as database and system administrator was more present for it was a SaaS available in many states of Brazil;
- **PsicologoAgora.com.br:** A web directory psychologists that uses distributed processing with crc32 and similar calculation techniques to validate the modified information on the client and their demand to be saved or not in the database. Provide logins with Google, LinkedIn and Facebook and have a chat with WebRTC technology for video and voice communication, completely made for use through browsers and devices, without the need for installation. I highlighted this project because in addition to working as an analyst, developer, infrastructure administrator and several other technical positions I also worked more present as an entrepreneur when managing relationships with other partners of the company;

## Employment History (last ones)

- WB4B - Founder - Since Jan/2002
- TheoremOne - Full Stack Developer - Jul/22 to Mar/23
- Exitlag - Fullstack Developer - Feb/22 to Jul/22
- SM.Places - Fullstack Developer - Oct/20 to Jan/22

## Publications

- “SSH Private Key Files”. pt-BR book talking about personal use cryptographic keys with SSH and many other tools.  
<http://www.programabrasil.org/ssh-private-key-files/>
- Overload attack using SMTP Injection. What is it, how is it and how to prevent it?  
[https://issuu.com/herbert.vix/docs/phpmagazine\\_edicao\\_4/12](https://issuu.com/herbert.vix/docs/phpmagazine_edicao_4/12)
- Multi-thread, process control and parallel programming in PHP  
<http://www.programabrasil.org/multi-thread-controle-de-processos-e-programacao-paralela-em-php/>
- E-commerce on the Cloud: Learn more about Rackspace and Amazon AWS  
[https://issuu.com/ecommercebrasil/docs/ecbr\\_12\\_issu/64](https://issuu.com/ecommercebrasil/docs/ecbr_12_issu/64)

## Certificates

- Laravel TestDome <https://www.testdome.com/certificates/e11a2e06de564b1d886bfd4c8a08f2d6>

## Academic History

- Financial Management - UniOpet - 2009 to 2011;
- Strategic Sales Management - Martinus College - 2005 to 2006;
- Bachelor of Systems Analyst - ESEEI College - 2001 to 2002;
- Data Processing Technician - Dominus College - 1996 to 2000;

## Other activities

- Fullcycle 3.0: Architecting and Developing - fullcycle.com.br
- NodeJS, React & GraphQL - Youtube;
- Laravel8 + Inertia Js + Vue Js + Tailwind CSS - Youtube;
- Object Orientation with Java - Brazilian Technological Institute of Aeronautics (ITA);
- IBM Blockchain Foundation for Developers - IBM;