

## Jesus Bianco (Toronto, Ontario).

### Application Architect

Highly motivated geek, with leadership skills and passion to bring to the table.

**I have an app on the App Store (iOS) called: 8BallTracker**

I am not looking for a job.

**I am not looking for jobs in USA, just in Toronto. No jobs in: Waterloo, Mississauga, Brampton, Oakville, Vaughan (only in Toronto, downtown/midtown).** I have worked as a contractor, I am incorporated since 2012. **I am open to contracts and permanent jobs/full time.**

This resume was updated on September 2017, get a copy of this resume online on Microsoft Word format: <http://yisu.net/resume.doc> or on Adobe PDF: <http://yisu.net/resume.pdf>

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**Address:** Spadina and St-Clair, Toronto, Ontario, CANADA

**Languages:** Spanish, English, and basic knowledge of French

I have solid experience in Internet content development. Strong working experience with Web (frontend and backend), application frameworks, SDKs, web services / micro services, RESTful APIs, relational databases, e-commerce, home banking, payment systems, transaction management systems, firewalls & remote connectivity, virtual private networks, virtualization and automated provisioning. With extensive knowledge in servers and workstations: UNIX / Linux, Apple macOS X, Microsoft Windows, and System i (aka AS/400). I started Web Development around year 1995.

I have developed complex and efficient information systems for well-known high traffic websites, as well as Intranet and Internet solutions. I have led groups of developers, teams made up of 2 to 7 people. I moved from Caracas, Venezuela to Montreal, Quebec in 2007 as a permanent resident, I moved from Montreal to Toronto in 2011. I have lived in Canada almost 10 years. I am a Canadian citizen, Italian citizen and Venezuelan citizen.

### Education:

Computer Science Bachelor Degree. December 1999. Top 5 of the class (Class of 60 students).  
Instituto Universitario de Nuevas Profesiones, Caracas - Venezuela

### Courses:

- 1) Fundamentals of the Java Programming Language (SL-110), February 2005.
  - 2) Java Programming Language (SL-275), March 2005.
- Sun Microsystems, Caracas - Venezuela

My previous resume was 8 pages long, I am listing on this one the 2009-2017 years to keep this short, for the list of old my experiences/jobs, download the full resume online:  
on Microsoft Word: <http://yisu.net/full.doc>  
on Adobe PDF: <http://yisu.net/full.pdf>

**References will be provided upon request and after job interviews.**

## Some of the technologies I have worked with over the years:

Frontend technologies	First time used	Average years, levels of proficiency
HTML 3.2, 4.x and HTML 5	1995	> 20 years (Advanced)
JavaScript, 1.1 - 1.8	1996	> 20 years (Advanced)
Cascading Style Sheets/CSS, 2.x, 3.x	2004	> 10 years (Advanced)
jQuery, jQuery UI, Ajax and JSON, XML	2009	> 8 years (Advanced)
Bootstrap Framework	2016	> 6 months (Intermediate)

PHP technologies and frameworks	First time used	Average years, levels of proficiency
PHP versions 3.x, 4.x, 5.x and 7.x	2000	> 15 years (Advanced)
PHP Slim 3 Framework	2016	> 1.5 year (Advanced)
PHP Symfony Framework 1.x-3.x	2009	2 years (Advanced)
PHP CodeIgniter, Modular Extensions (HMVC)	2013	2 years (Advanced)
Zend PHP Framework,	2015	1 year (Intermediate)
Yii Framework	2015	> 1 year (Advanced)
CakePHP Framework	2009	1 year (Intermediate)

Java/J2EE, frameworks and Application Servers	First time used	Average years, levels of proficiency
Java 1.3 - 1.8 aka Java 8	2005	> 10 years (Advanced)
Apache Struts Framework, 1.3 - 2.x	2007	3 years (Advanced)
Spring MVC / Spring Boot, 3.x - 4.x	2011	1 year (Intermediate)
Java Server Faces (JSF), 2.x, PrimeFaces 3.x/4.x	2013	1 year (Intermediate)
Apache Axis, Apache CXF projects (WebServices)	2011	1 year (Intermediate)
Hibernate ORM Framework: 3.x, 4.x, 5.x	2011	2 years (Intermediate/Advanced)
Apache Ant & Apache Maven	2006	4 years (Advanced)
Oracle OC4J Application Server	2006	1 year (Intermediate)
IBM WebSphere App Server, 5.x - 7.x	2007	3 years (Advanced)
Apache Tomcat App Server, 6.x - 8.5	2007	5 years (Advanced)
Apache GlassFish App Server, 3.x - 4.x	2013	2 years (Advanced)
JBoss Application Server, JBoss HornetQ	2015	> 1 year (Intermediate/Advanced)

Relational databases	First time used	Average years, levels of proficiency
MySQL 3.x, 4.x, 5.x (Admin on all platforms)	2000	> 15 years (Advanced)
PostgreSQL 8.x, 9.x (Admin on Linux & MacOS X)	2007	> 4 years (Advanced)
Oracle Database 8.x, 9.x, 10.x (Admin on Linux)	2006	> 4 years (Advanced)
IBM DB2 10.x (Admin on System i)	2011	> 2 years (Advanced)

Relevant technologies	First time used	Average years of experience
Apple's Swift, versions 1.x, 2.x and 3.x	2015	2 years (Advanced)
Apple Xcode, Storyboard, Auto-Layout, CocoaPods	2015	2 years (Advanced)
Apache web server/httpd, versions 1.x, 2.x	2000	> 17 years (Advanced)
Shell Scripts, Bash / Perl.	2002	> 10 years (Intermediate/Advanced)
Regular Expressions (Regex)	2001	> 15 years (Advanced)
LINUX (Red Hat, CentOS, Fedora, Ubuntu, Debian)	1996	> 20 years (Advanced)
UNIX (Solaris, IRIX, AIX, HP-UX)	1992	> 10 years (Advanced)
Store Procedures (PL-SQL, SQL PL)	2005	> 6 years (Advanced)
SubVersion (SVN)	2006	> 7 years (Advanced)
GIT (VCS), Large File Storage (GIT LFS)	2013	> 2 years (Advanced)
VirtualBox, vmWare, Parallels (Virtualization)	2006	> 10 years (Advanced)
Vagrant, version 1.7 – 1.9.x	2016	1 year (Advanced)
Ansible (automation engine), version 2.x	2016	1 year (Advanced)
Docker, version 1.x	2017	Less than a year (Intermediate)
Jenkins automation server	2016	1 year (Intermediate)
Elastic Search	2016	1 year (Intermediate)

## Work experience:

**Company:** Enterprise Rent-A-Car / CarShare division

**Title:** Senior Software Engineer

October 2016 - June 2017 (8 months - Contract role)

<https://www.enterprise.com> (over 90 K people)

Daily Scrum meetings, review of Jira tickets and use of kanban boards. Enhancements on the Vagrant/VirtualBox environments, creating new images from scratch for CentOS and Ubuntu, implementing Ansible in order to provisioning local servers and virtual machines. Preparing the ground to migrate from PHP 5.3 to 5.6 for some legacy systems. Coaching intermediate-junior developers, transferring knowledge and making a positive and productive work environment.

Setting up a new Server and other Web Server to help with the load of the traffic (Web traffic and APIs on different servers) lowering the server's load of the biggest instance for the CarShare division. As a Senior Developer, I improved the End of Month/EOM that was taking 84 hours to process, after **I added some multi-processing / multi-tasking logic**, the End of Month process now takes just 12 hours.

Improving the source code especially when generating the corporate accounts invoices from 25-30 minutes to 5 minutes. Dip a toe in the water with J2EE, Gradle/Spring Boot for RESTful APIs (Micro services) using Docker containers.

**Company:** Riavera Corporation (Personas, Peeks, Telebuy)

**Title:** Senior Web and Mobile Developer

June 2015 - October 2016 (16 months, 20+ people - Permanent role)

<http://www.personas.com> <http://peeks.com>

Peeks, a live-streaming social e-commerce platform, which has been active developing in the recent months, aimed to launch on summer 2016. As lead developer, I was focused on the backend and supported the CTO with some architectural decisions and strategies. I created over 80 RESTful APIs using SOA/Micro services. Also, I helped with the development of some modules of the iOS app using Apple's Xcode & Swift. Coaching the mobile team about interaction between mobile and backend, responsible of deploying code to production, and taking the lead with the CTO was on vacations. Familiar with the setup of Wowza Streaming Engine Media Server, bitrate, codecs, formats.

Personas, is all-in-one social network that allows to separate your contacts with multiple profiles for enhanced privacy, share posts to all your chosen social media accounts (Facebook, Twitter, Instagram) and enjoy many advanced photo editing features. I have developed many modules using RESTful APIs, SOA/Micro services for Personas backend and frontend.

Telebuy, an in-house payment processor wrote in J2EE, EJB 2.x and 3.x, I fixed some minor bugs and do some maintenance from time to time.

**Company:** YTZ International

**Title:** Senior Web and Mobile Developer

September 2013 – June 2015 (20 months - Permanent role)

<http://www.ytz.com> (20+ people)

Automation of complex business processes of the company. Familiar with Agile software development, stand-up meetings, SCRUM, Jira/Kanban boards.

Responsible for the development of complex tools using the PHP framework CodeIgniter and its modular extension HMVC. This involved heavy JavaScript and jQuery manipulation and validation. Server-side processing with PHP, SQLite and MySQL databases. Calls to other systems of the company based on APIs and some Web Services.

Creation of a module to handle the database of domains of the company (over ten thousand domains). Performing WHOIS using the APIs: WhoisXmlAPI, RoboWhois or DomainTools. Generating reports in CSV files and modules that import data using CSV files to our system, bulk tools.

I developed a Queue in order to check for records to be processed. For each process, we are parsing the data, comparing the data against the databases, performing rsync's of files between servers, replacing domains, calling APIs and notifying via e-mail about the status of the run. Developed a lot of automation for the complex business core of the company.

I have developed a few WebApps in order to simplify daily tasks and having the possibility to call Web Services / Micro services (RESTful APIs) from a smartphone or tablet.

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**Company:** Jibestream.com

**Title:** Senior Web and Mobile Developer

September 2012 – August 2013 (one year contract)

<http://www.jibestream.com> (15+ people - Contract role)

Developed the Toronto Pearson's Mobile/Desktop Digital Terminal Maps from scratch. I created an entire solution allowing uploading of the maps, parsing of SVG images (vector maps), storing the result in an Oracle database and preparing the data for retrieval from the website. Also, I created a CMS that allows an admin-user the mapping of items on the database of amenities (coffee shops, restaurants, washrooms, elevators, etc.) Because the maps are vectors (SVG) the website will recognize and adapt (Adaptive Web Design) if the user is visiting from a mobile/tablet browser or from a desktop browser and the layout will change according to the resolution of the screen, plus if the user rotates the device from portrait to landscape the page will refresh with the new layout.

Coaching other developers, transferring knowledge sessions and contributing with a productive environment. Work close with the Architect of solution to satisfy the complex requirements of the projects.

The website has a lot of features, from searching, zooming, sharing of maps, filtering which items should be shown and providing details of the item when it was clicked / touched. I also installed the necessary software/packages like Linux OS, different databases, Apache and PHP, GlassFish Application Server, remote connectivity (SSH), parsing of Logs files.

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**Company:** Domainer Inc.

**Title:** Senior Web Developer, e-commerce Architect

July 2012 - September 2012 (3 months contract)

<http://www.openapps.com> (5 people - Contract role)

I implemented the PayPal's Adaptive Payments (RESTful APIs), plus the development of modules including Sign-In, user creation and maintenance, uploading of files, parsing huge text files (CSV, XML, JSON), optimizing queries on the Database side, E-Commerce shopping cart, transaction management and image manipulation. Using a proprietary PHP framework based on CakePHP.

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**Company:** Scotiabank / Scotia Capital (TAG division)

**Title:** Senior Software Developer

November 2011 – April 2012 (6 months - Permanent role)

<http://www.scotiabank.com> (75,000 employees worldwide)

As part of the Application Development in supporting Scotia Capital Derivatives business lines, I have worked on a team that is responsible for the effective and efficient development, implementation and support of mission critical, on-line, real time financial trading, risk management or decision support programs or application systems of medium to high complexity; contributing to deliverance of technology application services to the department's clients to meet their needs.

I resigned from the bank in order to return to my area of expertise which is web application development and move forward to smartphones and tablets developments using web apps and native apps.

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**Company:** Oceanex Inc.

**Title:** Senior Software Developer and Java Architect

April 2010 – October 2011 (18 months - Permanent role)

<http://www.oceanex.com> (140 people)

- Extensive refactoring and restructuring of our corporate intranet including the removal of EJB 2.1 code, resulting in pronounced performance improvements.
  - Incorporated APIs including Google Apps, Microsoft LDAP and Web Services to access and modify external data used in multiple modules of our intranet.
  - IBM WebSphere Application Server and AS/400 administration including patching and migration for version 6 and 7 of WebSphere Application Server.
  - Maintenance of some existing Web Services and creating new ones using RESTful APIs.
- As Java architect of our company's back office solution "Client Zone" I:
    - Implemented the Struts 2 framework, set up actions, interceptors, tags, servlets and JSP using the full power of Web 2.0 technologies
    - Created database schemas, table relationships, indexes and constraints, adding Hibernate to the list of tools we used.
    - Built a security module to allow customers to create new users with limited profiles and assign accessibility privileges based on established rules.

**Company:** Twist Image

**Title:** Senior Web and Software Developer

September 2009 – March 2010 (6 months - Permanent role)

<http://www.twistimage.com> (80 people)

- Creation of shell and PHP scripts in order to make an Adobe AIR file (package) in real time for the fall Campaign 2009 of Dairy Farmers of Canada. Plus, I designed, developed and implemented an XML generator in PHP, which grabs data from the database, prepares the content and generates/outputs to XML files.
- For a TD Canada Trust Campaign, I designed, developed and implemented a Parser using PHP's XML libraries, in order to connect to remote sites (vendors), grab RSS Feeds and parse the files, the RSS Feed have URLs of images, which I resize, rescale and convert from one format to another.
- I collaborated on the development of the project for the TD Canada Trust, campaign "What's your deal?" using the framework Symfony for PHP, we simulated some features of Facebook such as, post comments, do the likes, delete comments, add URL to comments, etc.
- I did some maintenance and de-bugging for the Johnston Group ([johnstongroup.ca](http://johnstongroup.ca)), using the framework Cake for PHP.
- For the new version of Dairy Farmers of Canada ([getenough.ca](http://getenough.ca)), under the module of the contest for The Dairy Dash game, I was assisting some team members and I was the main developer for the creation and validation of forms and sign-on module, I implemented captchas, validation, storage and data retrieval from Database, using the framework Symfony for PHP and MySQL databases.

**Company:** DateDeChoix.com

**Title:** Full Stack Application Developer

April 2009 – September 2009 (5 months - Permanent role)

<http://www.datedechoix.com> (5 people)

Book appointments scheduling software and management of clients, staff and rooms. Online payments.

- Performed research, test and integrate the PayPal payment solution using their Payments Pro and Checkout Express (including recurring payments) interfaces/APIs
- Designer and Developer of a full-featured search engine allowing filtering by dates, start times, status, employees and key words.
- Analyzed and optimized existing SQL queries and database table design.
- Developed revenue, appointments, service and staff reports using jQuery and Sparklines graphics libraries.
- Developed CSV file Import and Export modules.
- Created secure login and password management functionality using HTTPS under Web 2.0.
- Headed the implementation of Matis Bug Tracker and Subversion (SVN) for use with all corporate development.
- Automated application deployment via both shell and Perl scripts. Scripted automatic backups between development and production servers.
- Revamped Linux production servers to support current configuration standards, service/daemon management and firewall protection. Set up new Ubuntu development environments supporting Apache HTTP/HTTPS, PHP, MySQL server, shell scripting.