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# Pablo Tomas Borda

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# Summary

I'm a proficient and proactive software developer with entrepreneur spirit who likes seeking and doing research on latest technologies. Always looking for cutting edge techniques and paradigms to ease software development, make it more enjoyable, and less prone to errors. I usually become a technology consultant for my coworkers. I'm looking for a place and environment that allows to develop the best of myself, knowing possible investors, fully apply my knowledge and earn a salary that makes me feel proud of my experience. I enjoy working on startups and have experience working on multicultural and distributed teams.

  Visit my web page http://www.pablotomasborda.com.ar, you will find my resume, on different printable versions and my software portfolio within github repos and screencasts available.

# Technical Experience Summary

My technical experience on companies moved particularly and mainly from 6 years of java development to 4 ruby years, with emphasis on web/mobile front-end development. In java I worked using opensource technologies: struts,j2ee,hibernate, J2ME for mobile development in older handsets, WAP. WindowsMobile,all with SOA java backends.

Then my career turned into ruby software development and mobile. My first project was a ruby on rails e-commerce site, using ActiveRecord for database mapping, and gems such as ActiveMerchant that integrates payment gateways. I worked for a New York startup project called truveli using my previous gained ruby knowledge as a freelancer.

Since Ruby technologies were still not being adopted by companies that had their legacy java software, I worked using ruby on my own personal projects. I founded my first company Argenport, that did e-commerce, using my own set of tools, all of them developed in ruby. I developed an investment plan generator that was fed using a ruby website crawler or spider script, then a rails site to track all events in the company, and a web UI for the investment generator. At the beginning used mysql, then migrated to mongo, and learn about Big-data technologies, Apache Hadoop, MapReduce, that adopted and reduced my development effort. The company closed its operations since trade restrictions in Argentina. Then I continued on the development of my own sales channels at SmartBandS, my new company, using web jquery/javascript/rails, and mobile android phonegap and android native. I started working on a big project for buying and selling goods and services, using ruby web, migrating from Rails to Sinatra, and phonegap mobile clients applications with ruby sinatra backends returning json. I developed a couple of android apps to buy and sell in an instantaneous way by closer location. The apps are able to take pictures, use gps, android services, chat protocol jabber/xmpp, push notifications, upload data to ruby backends, and are quite responsive.

They basically cover most of the use cases of the android api.

My whole career overlaps with projects in other technologies, I also had experience on php, did a web crawler, a document repository, an IVR for a USA campaign from the Buffalo Wild Wings restaurant, and a couple of them for my company. Also in a minor proportion worked using Python, C/C++, Groovy and Grails, OCaml, etc. This experience on multiple technologies relies on that I enjoy working and doing research with different programming languages, and in that I do software development since I was 15 for playing purposes. I used to have fun developing small games in C++, using SDL libs for 2D graphics, on caldera linux, a very old linux distro. Played with software such as blender3d, 3dstudio. Used to compile and modify linux kernels, try different operating systems.. BEOs, FreeBSD, QNX (today blackberry's),etc..

My motivation comes out when I see a task that demanded weeks to be done in a couple of days. I have a good code repository and software portfolio. You can see a deeper description of my tasks and used technologies below.

# Work Experience

**PayPal (6 month)** - MTS (Merchant Technical Support) Engineer
June - Present

### Founder
SmartBandS
— Present (1 year 1 month)Buenos Aires

* Development of new technologies to ease the retail process. Including webapps, mobile clients, etc..
* Do business intelligence on data gathered from different websites, to generate investment plans in an automatic and coordinated way.
* WEB Tool for investors to check how we are investing their money based on software business intelligence data.
* Development of sales channels, e-commerce, stores, social networks etc..
* Consulting and software development on the retail sector
* Technologies: BigData, MongoDB NoSQL, Grid FileSystem, MapReduce technology, BI, GIS, GeoJSon, Sinatra, Android Native, phonegap,Titanium, JQueryMobile, CloudComputing, SaaS, IaaS, Ruby, Mechanize, XMPP, Smack, BOSH, IVR, VoiceXML, CCXML
* Looking for **PARTNERS AND/OR INVESTORS**, must be creative, ambitious and want to progress.

### Svc Information Development III
Hewlett-Packard
Present 1 year 1 month)Buenos Aires

Support and maintanance of existing applications for Nextel (NII). Development of new features, java, seam framework, javascript.

### Founder
Argenport
— July 2012 (1 year 1 month)Argentina

E-Commerce company. :'( ended due to Argentina's trade and currency restrictions. :'( :'(

4 Employees, motorbike deliveries

### Business Analyst
IBM Global Services
— January 2012 (7 months)

Working as a Business Analyst for Wal-Mart

### Software Developer
IBM
— September 2011 (2 years 3 months)

Working as a Production Support Developer. Work most of the time with IBM technologies, RSA, Java,Tivoli, Job Scheduling Console, AIX, Z-Linux, CMVC (like subversion with more features, from IBM), JSC, J2EE, WAS, DB2 as the database, RTC, the Lotus suite: notes, sametime, symphony, connections.

### Ruby Developer
Truveli
— July 2010 (4 months)

Worked in a Ruby and Rails web system as a part time developer during weekends. The technologies I used

were mysql, ajax with jquery and javascript, rails, svn, linux, redmine, Active Merchant, Paypal, Authlogic, Migrations, Active Record, webrick and mongrel

## Java Developer
Movilogic

– 2009 (1 year)

As a contractor for Everis Consultancy Services:

I acquired experience in the following technologies: Hibernate, Mysql, Jboss, Java, Struts, Maven, JavaScript, JQuery, HTML, JSP, DWR, JSon, Ajax, JUnit, doing internal web systems for OSDE, which is a prepaid medicine company.

Linked-in recommendation:

### Bruno Fontana
Experienced IT professional
I've managed Pablo as an external J2EE developer in one of our projects. His compromise in accomplishing his task on time, even when it was complex or "diffuse", is very remarkable. Pablo is also

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## Ecomerce
On my Own

– January 2009 (2 months)

Design an implementation of general purpose E-Commerce using Ajax, Ruby on Rails, Active Records, the new ORM from Ruby on Rails, Mysql as the database, JQuery and Ajax. Interaction with Authorize.net and other payment gateways supported.

## Freelance Mobile Consultant(J2ME)
GOMBu

– November 2008 (7 months)

I created a j2me application which was tested mostly on Sony Ericsson mobile phones, preferably 240x320. When you take a picture of a person it returns its facebook profile. I got experience with the following technologies: J2ME, MMAPI, python, mechanize, php.
This demo application which was supposed to be sold at a 500000U$S in the USA, makes use of a third party service. Also without the service the application is able to upload pictures to a server by posting the images taken by the camera. I got this cool software patent myself, since I was not paid for the development. If you are interested, and would like to work with this, do not hesitate to call me, and we can meet. This software is patented under file number 742246.

## Software Developer
Whoop

– May 2008 (1 year 1 month)

I was the first employee ar this company, and grew to 21 employees. So I started projects from scratch, and was present when company grew. I was able to face all problems that you can have in a startup. The goal of this company was to create a SaaS mobile publishing platform for the handsets that were available at that time. /J2ME, WindowsMobille, Brew, WAP.

I got experience with the following technologies: Java, J2ME, Apache, TomCat, Mysql, UML, XML, XSLT, Web Services, VoiceXML, IVR systems, SVN, Virtualization using vmware, Eclipse, NetBeans, Linux, writing documents, ant, maven, C# .NET using Visual Studio 2008, UML, Use Cases, Class Diagrams,RUP, WAP, Qualcomm Brew, C++ , JSON, Design Patterns, Model Driven Architectures, Aspect Oriented Software Development,
Groovy, Java, JavaScript, JQuery, Groovy & Grails, IntelliJ, Agile project planning, Agile, BugZilla, Unit test cases using dynamic languages, QUnit the jquery testing framework, Selenium

Tasks

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Worked in the development of new technologies to ease the development of mobile applications.
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Created a platform independant model (PIM) to generate both WAP, Windows Mobile applications at once, plus the posibility to add more target platforms.
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Worked as technical interviewer.

## QA Engineer at Google, Mountain View, California
Globant
– April 2007 (4 months)

QA Engineer, in Mountain View, California for the CBG or Checkouy by Google project.. Technologies I got experience with: Java, Python, Linux, JUnit, MySql

Linked-in recommendation

### Samuel Falvo
Quality Engineer III at Rackspace, the Open Cloud Company
Pablo worked well with his peers to deliver automated testing solutions. It's been many years since I've worked with Pablo, but I recall he had a firm grasp of many computer science topics, including some

## Java Developer
Technisys
 – January 2007 (8 months)

http://www.technisys.net as Java/J2EE

developer for banking applications.

Technologies I got more experience with: J2EE, Struts, Maven, Hibernate, HiveMind,

TomCat, Debian Linux, Eclipse, Cactus for testing servlets, XML, XSLT for transformations between two XMLs, iText for generating PDFs, Oracle.

## Trainee Researcher
LIFIA
– January 2007 (3 years)

(Laboratorio de Investigacion y Formacion en Informatica

Avanzada) ´s e-Platero project, an eclipse plug-in to edit UML diagrams, validate OCL (Object Constraint Language) expressions, declare refinement relations between models, refactor models to design patterns.

Design patterns are particular instances of refinement relations.

Acquired knowledges: UML meta-model, OCL meta-model, Design of Eclipse plug-ins, EMF, GEF, GMF, OMG's Model Driven Architectures (MDA), Model Driven Development (MDD), OCL, QVT, ATL (Atlas Transformation Language) developed at Inria, IBM's Model Transformation Framework, IBM's Rational Software Architect.

# Education

Computer Science - Universidad Nacional de La Plata (Argentina)

# Publications

**Model Transformation by Commands:**

http://mtbycommands.blogspot.com/

**Behavioral Oriented Programming:**

http://docs.google.com/Doc?id=dg9zr9h8_3d676tq

# Honors & Awards

**OIA(Olimpíada Informática Argentina)**

An Argentine Computer Science contest in the field of Computer Programming, getting the 10th position. (Year 2000).

# Patents

**Vectors**
Argentina 927815
Issued 1998

A piece of software to sum vectors, registered at the DNDA (Dirección Nacional de los Derechos de Autor), the Argentine's government institution ordered to protect author rights, under the file number 927815. (year 1998)

**Gombu**

Patented.

# Languages

* Spanish

* English

* Italian

# Certifications

**Sun Certified Java Developer**
Sun Microsystems

**Oracle Certified Associate**
Oracle
**UML**
LIFIA
**Molecular Biology for computer programmer**
Universidad Nacional de Quilmes
**Delphi**
Universidad Nacional De La Plata
**LIFIA´s 6 month training on Java technologies**
LIFIA
**TOEIC**(Vancouver, British Columbia, Canada)
CSLI Canadian as a Second Language Institute