

MIGUEL A. DIAB

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About me

I am a witty/passionate software engineer that loves challenges, great at problem solving, stubborn and passionate, fluent in English, Ruby, Spanish and Java alike. I pride on being transparent, straightforward and honest above all. Adept at many nerdy things, from code to learning, from Star Trek to photography, from hardware to roller skating. I love nicely-styled, concrete, self-contained code, the never ending battle at improving legacy code, traveling, tabletop games and above everything else, my two year old daughter.



Work Experience

Checkr.Com – Full Stack Engineer

TL;DR: Ruby-Sinatra REST Services, AngularJS frontend, ElasticSearch, MongoDB and RabbitMQ for async messaging.

We built an incredibly successful tech platform to process background checks. Worked directly on <https://applicants.checkr.com>, to help our candidates through the process. A Ruby/Sinatra backend talking via REST API to Checkr core, leveraging Elastic Search for speedy candidate indexing, Angular JS single page frontend and several integrations like AWS S3 to upload secure documents, Zendesk to escalate and track disputes and interactions. Also worked on the PDF Report system, a micro-service capable of building PDF documents out of the applicant's report information (Ruby backend with a lightweight React HTML builder that is rendered into HTML and uploads to AWS S3 and notifies both applicant and client about the PDF document, consuming JSON report information out of Mongo DB stores) and on the redesign of the Billing system to provide event based billing consuming all billable messages from different Rabbit MQ queues and providing a real-time snapshot of account status (Ruby backend with Angular JS dashboard integration and async messages via Rabbit MQ).

10/2015 – present

InternetBrands.Com – Java Senior Developer

TL;DR: Java backend on Tomcat servers providing REST services to Angular JS frontend. Groovy, Hibernate JPA, MySQL, Solr.

Worked on the redesign of Apartment Ratings, a Java based review site running on Tomcat, using Solr for Apartment and Review full-text search and indexing and a responsive Angular JS UI on the frontend, built on their proprietary CMS that runs on Groovy.

01/2013 – 09/2015

BetBoo.Com – Java Architect

Built a new Bingo Multiplayer On-Line gaming platform, a Java EE app (Glassfish) connecting to the Flash based games (AS3 with AMF3 over Blaze DS). Fine tuning of the JVM and GC to guarantee low latency and performance for gamers.

07/2010 – 12/2013

Redesigned the legacy Java SE single room gaming system (Flash UI with XML over Sockets)

Work Experience

Tata Consultancy Services – Java/Unix developer at Target Supply Chain <i>Implementation & Maintenance of Supply Chain systems for Target retail stores.</i> <i>Oracle SQL & Java, Unix, Control M, Citrix, VB.Net</i>	05/2010 – 06/2010
Sabre Holdings – Implementation Specialist Airmax RM <i>Development & Implementation of SaaS applications on secure environments. Apache Tomcat, Java Swing, Unix, Oracle SQL, Citrix, IBM Tivoli, Crystal Reports</i>	10/2007 – 04/2010
Petlock LLC – IT Consulting <i>Consulting services for Construct Hub system.</i> <i>PHP, MySQL, JavaScript, Perl, AJAX (Ext JS framework)</i>	08/2007 - 12/2007
Sabre Holdings – Dev Lead @ IT Team <i>Inhouse apps in PHP, Symfony MVC & MySQL</i> <i>CSDT Project (deployed on 400+ desktops)</i> <i>C++ MFC, MySQL++, Aspect API & VB.Net</i> <i>Network/Desktop support and maintenance (center for 800 users)</i> <i>Disaster Recovery Site preparation/drills/1 real use</i>	01/2005 – 10/2007
Sabre Holdings - Sabre Reservation System Customer Support Agent <i>English and Spanish markets for Ticketing support</i>	08/2004 – 01/2005

Human Languages

English – Advanced	Cambridge Proficiency Examination	2001
Portuguese – Intermediate	Instituto Uruguayo Argentino	1993 – 1995
French – Basic	Instituto Uruguayo Argentino	1992 – 1995
Chinese – Introductory level	Berlitz Institute	2009

University & College Studies

Universidad ORT	Information Technology Analyst	GPA 3.50	graduated 4/2013
Universidad ORT	Programmer Analyst	GPA 3.50	graduated 9/2010
Universidad Católica	Electrical Engineering		1999 – 2000
<i>(Physics, Digital Electric Devices, Algebra, Numerical Analysis)</i>			

Conferences, Seminars & Events

RubyConf Uruguay	2013
Java One Brazil	2011
Google IO Extended Uruguay	2011
RubyConf Uruguay	2010
Idea Generation Workshop – Universidad ORT – CIE	2010
Object Oriented Programming – Universidad ORT	2009
MVD Hack Day – Sabre Holdings (Severity Monitor Java + ExtJs)	2008
Agile Programming Methodologies & TDD – Jeffrey Langr	2007
SABRE Reservation Systems – Sabre Holdings	2004

Conferences, Seminars & Events

Animation Workshop – <i>Universidad Católica – Lic. Pablo Ferrari</i>	2000
Programming Course - <i>Centro Educativo de Informática</i>	1995
Math Olympics (ComPartidas) – <i>Centro Latinoamericano de Matemática e Informática</i>	1995
Clipper Programming Course - <i>Centro Educativo de Informática</i>	1994
GWBasic Programming Course - <i>Centro Educativo de Informática</i>	1993

References

Alf Mikula	Checkr Director of Engineering	+1 (626) 676-1400
Bon Idziak	Checkr Head of Government Relations and Compliance	+1 (813) 748-2840
Frank Tseng	Internet Brands Director of Technology	+1 (925) 330-0505
Pablo Sanchez	Betboo IT Manager	+598 99 484-948