

GABRIEL GONZALEZ

**Internet Security
and Systems Architect**

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I am an internet security expert and hacker in the broadest sense. I am expert at integrating different technology building blocks to solve complex problems, and have great experienced at creative analysis and developing new technologies from scratch.

I have ten years of design and development experience, specializing in security, e-commerce and software development environments for high impact or Web 2.0 applications. I also have strong discipline and overall skills in information technology and intellectual property management. I am used to working with and leading multi-cultural project teams distributed around the world.

Freelance Consulting - Various clients (2010 – 2011)

I have been doing a variety of small consulting and programming projects, in New Zealand and some in Chile while taking a year off traveling though Asia. These projects have mostly been conducted over the internet.

VP Engineering - Floorplan Express (2008 – 2010)

This was a US virtual tour hosting company with rich-media front end and custom CMS back-end SaaS.

Responsible for all technical direction as well as the **System Architecture**, development and security. Conducted ongoing research of new technologies and system improvements to reduce operational cost and ease adoption, for third parties and franchises. This was in the middle of the subprime crisis.

We developed SaaS platform for **Virtual Tours** and **Real Estate** with high end rich-media front end. Platform used **Cloud storage** provided by **Amazon S3**.

Responsible for all security, services, software and servers, preventing hacker attacks, scanning, brute force and all known exploits or bug risks. Managed all code versions, documentation, sources, external libraries, the systems of release, test plans and implementation processes for; system administrators, testing people and developers. I also developed a disaster recovery procedure with triggers that I was able to monitoring the hacker behavior and stop it in real time. In charge of all the complex situations, integrations, bugs, security issues, making easier the work to my team and/or the outsourcing teams

Security & Software Architect - Vantage Global Systems (2005 – 2008)

This was an internet consulting and Web 2.0 software development company in Santiago, Chile run by a Silicon Valley veteran. They provided outsourced engineering service to tech startups (approx 50% US clients) using the abundant professional resources from Chile at very competitive price.

I was the lead security consultant, architect/advisor on all the big projects. The company specialized in new internet and rich-media technologies, deal with complex integrations, and system reengineering that sometimes were projects dropped for other outsourcing companies, my team of engineers and technical designers typically had 6 projects going simultaneously, managing a total of approximately 12 senior engineers/architect and 6 external senior programmers all specialized in diverse areas with different skills creating the optimal configuration of mind resources to solve all the problem cross project

All system proposals went through me for my final approval of architecture and data flows, keeping high standards, high quality and in an easy understanding non complex abstractions or code, making easy to new developments, integrations and new teams.

In charge of all **researching project scope**, required architecture and **estimating staffing and project cost** and major risk factors. For initial bids and RFPs.

09/10/2011

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SAMPLE PROJECTS at Vantage Global Systems

REMAX Cayman Islands: *Real Estate*, System evaluation, software development

REMAX Chile: *Real Estate*, Software audit and new feature proposal

WavePoint E-Workstream: *IT Services*, Architecture and development

Falabella Web TV: *Retail*, Streaming video application / internet channel

MingleCity: *Networking*, Data Base & SQL performance and bug fix

Internet 2.0 / Wikeo: *Networking IT Services*, Advanced features for social platform

Floorplans Express: *Virtual Tours*, Acting VP Engineering / CTO for this company. I performed most of the duties shown above for this company for 2 years, and later joined that company.

Senior Architect and Programmer - Decotienda (2003 – 2004)

Turned the company's main product from a poorly designed, unreliable and buggy garage-operation into a world-class engineered product, tripling sales in one year, Reverse engineered exotic features from competitors and merged them with two existing platforms to create a new E-commerce system for an extremely aggressive retail food and food delivery company with many franchises.

I also got involved in day-to-day business operations and marketing when the company experimented an unexpected and fast growing.

Network Security and Support Manager - NSChile (2001 – 2002)

Network maintenance for over thousand computers for medical business and internet centers. Led all the security across different networks and business groups, dealt with centralized server applications. In charge of backup plans and all software and hardware security. <http://nschile.cl/>

Freelance Programming and Design - Various clients (2000 – 2001)

I did a variety of small web design and programming projects in Chile, Network and support for small companies. www.red-devil.cl www.vizille.cl www.hotelneruda.cl www.terrafirma.cl www.eon.cl

Skills and Qualifications

1998 – 1999 Universidad Andrés Bello - Civil Engineering, Computer and Information Technology.

1995 – 1997 Universidad Tecnológica Metropolitana - Civil Engineering Agro-Industrial.

2008 Training Center Informatico – Flash CS3 - AS2 Certification.

Languages: Native Spanish, advanced English, Thai and basic Portuguese.

Knowledge: Cloud Computing, Amazon EC2, S3, SaaS, SOA space, PHP, AJAX, JavaScript, RIA (Rich Internet Applications) Web 2.0, AS2, AS3, Flex, Flash, Qbasic, Visual Basic, .NET, ASP, Perl, Python, ActionScript, Java, ColdFusion, C++, CVS, SVN, Bugzilla, Trac, Dotproject, Project, Visio, Clocking it, OOP, OOD, UML, MVC, 3-Tier, XP, Agile, Extreme, Mathematical Programming, graphics engines, E-Commerce, E-Marketing. robots, crawlers, spiders, sockets, web services, mailing, MySql, MSSQL, PostgreSQL, Cassandra, Hbase, internet security, firewall, logs audits, hacking, exploits, vulnerabilities, MySql Injection, XSS, DDOS, RFI, MS-DOS, Ubuntu Server, Debian, Centos, XP, win seven, 2003 Server. Apache, IIS, Plesk, Cpanel, WHM. Network Administration, Routers, QOS, Ports, Graphic design, music and audio design, Adobe CS4, Flstudio, Cubase.

Special Skills: *I created a geometrical multidimensional mathematical model and a basic graphic multidimensional engine to test "M theory" models, this is not patented or released yet, I did as a hobby. Additionally, I have high knowledge about mathematics, physics, astronomy and cosmology.*