

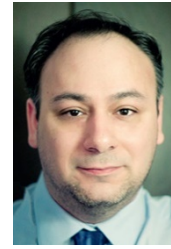
Gabriel M. AGUIRRE

American citizen / Titre de séjour familial –with right to work- France

94700 Maisons-Alfort, FRANCE

E-mail : canio@hotmail.com

SR. FULLSTACK WEB DEVELOPER
SYSTEMS ANALYST
PHP & PERL / LAMP



Development

- PHP 5.x/7.x (Native + Zend 1/3, Sym 2/3, Laravel 5), PERL 5.x, JavaScript (pure + jQuery, Bootstrap)
- Code development, design and maintenance
- Systems Admin -- Linux (Fedora, Red Hat, CentOS, Debian, FreeBSD); Apache 2, MySQL 5.x, HP/AIX, MS-Win
- Docker (setup, repository management); AWS S3

Systems Analyst

- Data migration analysis, planning, and solutions application.
- Business/end-user needs analysis
- Identify and define detailed specifications
- Define and execute appropriate testing (dev QA, end-user experience)
- Best practices evangelist; scrum/agile.

Databases

- MySQL, Postgres
- SQL development
- Schema design/re-design, modeling
- Server installation, optimization

Languages

- **English, Spanish:** 100% bilingual
- **French:** 100% professional proficiency

Achievements

- « *Team of the Year* » from *Augsburg Fortress Publishers*, for 50% revenues due to our web solutions, 2007.
- « *Customer Success Achievement award* » from *Net Perceptions* for an early completion of a \$1 million USD contract, 2001.
- « *Net Value Award* » from *Net Perceptions* for performance, 2001.
- IBM scholarship, via ITESM de San Luis Potosi (a university in Mexico), while in elementary school.

EDUCATION

« Bachelor of Computer Science » BAC+5

- **Institute of Technology** (now College of Science and Engineering), **University of Minnesota, Minneapolis, MN, USA.**
Targeted studies in software engineering, database design, artificial intelligence and web development.

PROFESSIONAL EXPERIENCE

Launchmetrics, Paris, FRANCE

Consultant – Sr. Full-stack Developer / Systems Analyst

Apr 2019 to present

■ LUXURY FASHION/COSMETICS SECTOR

PROJECT: Maintain and improve Online SaaS platform for marketing and analytics

- Modernize features' implementation
 - Migrate or adapt Native PHP code to Laravel 5
 - Refactor procedural implementations to object-oriented solutions
 - Algorithm optimizations (p.e. replace CPU-expensive functions, redundant logic blocks, etc.)
- Apple Wallet integration
 - Replace QR code delivery via e-mail with downloadable Apple Wallet passes
 - JWT token payload for secure, public RESTful service communication
 - Apple Pass Type ID setup, certificate creation and deployment
- QA test plan write-ups and revisions
- PHP7 (Native, Laravel 5, Sym3); jQuery & Gulp

TECHNICAL ENVIRONMENT:

Languages PHP 7.x, JavaScript, SQL
Environment LAMP / Docker / GitHub / AWS S3 / Jenkins / Atlassian / iOS Provisioning Portal
Software PhpStorm, Sublime Merge, GitHub Desktop, ngrok

ACENSI, Paris/Courbevoie, FRANCE

Consultant – Fullstack Developer / Systems Analyst

Mar 2015 – Mar 2019

■ FINANCIAL SECTOR (Feb. 2016 to present)

PROJECT: Recreate an internal tracking tool for financial products sales teams.

- Conception, Design, Development and Evolution of various projects :
 - Agenda-tracking of sales teams' follow-up calls with clients
 - Weekly stats and reports for directors and managers of all product branches
 - CMS with drag-and-drop to administer product hierarchies, team definitions, and user profiles
 - Optimization of heavy-duty JavaScript frontend, PHP backend calls, and SQL scripts
 - Native PHP Object-Oriented design, implementation, and encryption for client data API
 - Develop, document, and maintain RESTful services
 - Strong autonomous environment
- Backend dev: Zend 1 framework; integration with enterprise authentication services
- PHP5 to PHP7, and Zend1 to Zend3 migration
- Frontend dev: jQuery, Bootstrap 3
- Complex SQL scripting (MySQL) with the additional challenge of avoiding triggers and stored procedures
- Redesign and optimization of existing database

TECHNICAL ENVIRONMENT:

Languages PHP 5.x/7.x, JavaScript, SQL
Environment LAMP / Windows
Software Sublime Text, Eclipse (+ Zend), Cygwin, EasyPHP (15/17)

(continued...)

(...continued) **ACENSI, Paris/Courbevoie, FRANCE**

Consultant – Fullstack Developer / Systems Analyst

Mar 2015 – Mar 2019

■ **ENERGY SERVICES SECTOR (Mar. 2015 to Jan. 2016)**

PROJECT: GMAO systems, B2B et B2B2C, energy consumption admin and tracking solutions

- Object-oriented Perl 5.x backend development.
- Front-end et back-end solutions using PHP 5, CSS, PL/SQL, PostgreSQL
- GMAO intervention and integration with B2B and B2B2C systems
- Administration of multiple integration projects (requirements, data migration, installation, etc.)
- Strong multitasking needs, and parallel project management
- Technical and troubleshooting support for the B2B and B2B2C platforms
- Coswin 8 data migration and systems integration; admin training for Coswin 8
- Scrum/Agile development environment ; planning via Redmine, deployments with Jenkins
- On-the-job use of English for external users' documentation, and communications with infrastructure partners.

TECHNICAL ENVIRONMENT:

Languages Perl 5.x, PHP 5.x, SQL, PL/SQL, Bash

Environment Linux (Debian ; Apache 2.x ; PHP 5) ; PostgreSQL database server

Virtualization Production, Dev & Sandboxing

Software pgAdmin, Oracle VM VirtualBox, Eclipse, vi, CVS ; Artifactory, Jenkins, Redmine ; Coswin 8

Method Agile Scrum

Augsburg Fortress Publishers, Minneapolis, MN USA.

Sr. Lead Web Developer / Business Analyst and Systems Admin

2007 – Mar 2015

- Backend development with native PHP 5.x
- Frontend integration with jQuery; AJAX
- Analysis of evolving business rules and product offerings for integration with existing infrastructure
- Installation, administration, and support for critical Apache 2.x and MySQL 5.x servers
- Installation and administration of virtual hosts
- Perl development for various multiplatform needs (p.e. communications between LAMP and Microsoft-based billing software)
- Systems admin - Red Hat 5/6, CentOS 5.x, Fedora 11/14, vmWare.
- Interactions and support with Customer Support department

TAJ Technologies, Minneapolis, MN USA

Consultant

April 2006 – December 2008

Sr. Perl developer for Target Company

- Object-oriented Perl development: design, implementation, upgrades, maintenance
- Integration with Oracle 8, 9i, 10 databases
- Multisystem environment: Linux, AIX 5.3 64-bit, Windows NT
- VB.Net for desktop interfaces driving Perl-based backend.
- E-commerce, warehouse systems.

Express Scripts, Inc., Minneapolis, MN USA – Pharmacy Benefit Management Services

Business and Systems Analyst

April 2003 – April 2006

- Java, Perl et CORBA development; systems administration, multi-platform architecture solutions
- Support for *WebSphere*, *SilverStream* and *Vignette* servers
- Windows NT, Solaris and AIX; IBM DB2
- E-commerce and midrange systems.

Fingerhut Companies, Minneapolis, MN USA

2001-2002

- Perl development (UNIX, Windows NT et Macintosh)
- Oracle 8 administration, SQL optimization, stored procedure maintenance.

- Personally recommended to company by co-founder John Riedl
- Perl API (Object-Oriented programming) conception and development for Net Perceptions' E-Commerce 5.1 for Windows NT and UNIX (Solaris)
 - Visual C++, GNU C++
 - Custom Perl modules
 - Visual Studio 6 (XS Perl and Perl modules integration with C++ -based libraries)
- Kmart's "Ad Advisor" project:
 - Created framework code (Korn, Perl; MP-RAS --a PC-based UNIX platform--, four-node system)
 - Reference documentation for use with Net Perceptions' *Ad Effectiveness* product under aggressive project timeline
- On-site installation and consulting for our clients
- E-commerce systems administration
- Oracle 8.5, SQL Server 7.0 installation and maintenance. Pro*C and PL/SQL programming.

- Perl-CGI/C-shell programming on UNIX (Solaris) platform; mod_perl, JavaScript coding.
- Streamlined website code and dB calls to handle increasing browser load; prototype of code in JSP
- C++ coding with Visual C++ 6.0 for Windows NT (to test and port a Net Perceptions 4.0 API)
- Data migration between mSQL, Oracle (NT) and MS SQL Server.
- MovieLens web page --> <http://www.movielens.org/>

- Monitor IBM "Blueox" storage backups (running VM/ESA); diagnose, maintain and summon service for hardware failures.
- Veritas backup environment for UNIX cluster.

MISCELLANEOUS ACHIEVEMENTS

Photography

- Photo selected for the 5th exhibit "**Family of Man 2**" (100 finally selected among more than 5 000 photos submissions).
- Exhibit at the **Alliance Française** in Minneapolis, MN, Nov-Dec, 2005
- **Prix de la Photographie Paris (PX3)**, People's Choice Award 2013, Honorable Mention Award 2014, 2013 & 2012
- **Kickstarter**, successful campaign funding, and publication of « Vitruvian Woman in Paris », 2012/2013
- Web portfolio: <http://www.gmaphoto.com/>