

PABLO GUS

SOLUTIONS ARCHITECT

INTRODUCTION

My name is Pablo and I'm an experienced System Architect with a demonstrated history of working in the entertainment industry. I love solving IT issues and keep abreast for newcom technologies.

PROFESSIONAL SKILLS

Linux System Administration
DevOps
Site Reliability Engineering
Solution architect
Clioud computing
Security
Software engineering

CONTACT DETAILS

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Location: Montevideo, Uruguay

MY INTERESTS

Cycling
Trekking & hiking
Stand-up Comedy
Studying

CAREER PROGRESSION

SOLUTIONS ARCHITECT

Banca de Quinielas de Montevideo, 2013-Present

- Design and implementation of IT solutions (Java, NodeJS, Python, PHP, Ruby on Rails, Docker, Jenkins)
- System Performance, scalability and security issues
- PCI-DSS consultant and project manager to achieve PCI certification

LINUX SYSTEM ADMINISTRATOR

Banca de Quinielas de Montevideo, 2010-2013

- System operations: Load balancing, Caching, Cloud computing
- Linux System Administration (CentOS, SuSE, RHEL, AiX)
- Middleware and database administration (PostgreSQL, DB2, MySQL, JBoss, Tomcat, Apache, Nginx)
- Monitoring and System health (Nagios, NewRelic, Cacti)

NETWORK SENIOR TECHNICIAN

Administración Nacional de Telecomunicaciones (ANTEL), 2007-2010

- Monitoring and configuring WAN ATM core network
- Data service technician working over WAN networks
- Volunteer work as teacher on "Plan Ceibal" OLPC Uruguay

ACADEMIC BACKGROUND

UNIVERSIDAD CATÓLICA DEL URUGUAY

Ingeniero en Informática (Software engineer), 2008-2014

- Degree at "Licenciado en Informàtica" (Licenciate degree) , 2013
- Degree at "Analista en Informàtica" (Software Analys), 2012
- Volunteer work as developer of solution at CEPRODIH (NGO oriented to work with women who suffered domestic violence)

COURSERA

Architecting with Google Cloud Platform - Currently attending
Multiplatform Mobile App Development with React Native - Jan, 2019
Server-side Development with NodeJS, Express and MongoDB - Jan, 2019
Developing and Deploying Microservices with Microclimate - Dec, 2018
Microservices - Fundamentals - Dec, 2018

UNIVERSIDAD DE LA REPÚBLICA (UDELAR) - FACULTAD DE INGENIERÍA

Dispositivos Mòviles de Alta seguridad (High Security mobile devices) - 2015

INSTITUTO URUGUAYO DE NORMAS TECNICAS (UNIT)

Gestión de la calidad y sistemas integrados (Quality management and integrated systems) - 2013

DATASEC

Secure Coding best practices - 2017, 2018
CISSP Introduction course - 2016

MAIN PROJECTS

XPERIENCE URUGUAY

Co-founder (2016 - Present)

Trekking & Hiking events organization.
Marketplace design and implementation site with Sharetribe: https://market.xperience.uy (Ruby on Rails + MySQL)
Mobile app design and implementation with React Native: https://play.google.com/store/apps/details?id=com.xperienceuy.xperience (JavaScript)

BANCA DE QUINIELAS DE MONTEVIDEO

Virtual scratch games (2018)

Design of core and front-end (web + mobile) system architecture to support an online card scratch game betting. Integration with secure gaming devices (RNG), implementation of secure gaming policies.
Site: https://www.labanca.com.uy/jr3

PCI-DSS 3.2 Certification (2016, 2017, 2018)

PCI-DSS Consultant, GAP Analysis and leading the initial certification in 2016, also leading the certification process for 2017 and 2018.
Management of multi-disciplinary team involving the core IT areas of the company. Design and implementation of IT solutions in order to accomplish PCI-DSS requirements (Multi-factor authentication, robust cyphersuites, TLS usage, network segmentation, security policies definition).

Public transport system integration (2016, 2017, 2018)

Design of core system architecture to support transaction integration with STM (Sistema de Transporte Metropolitano) with Verifone Vx805. Design of module components which operating inside Vx805 to satisfy system requirements. Integration with authorization backend via SOAP webservices.

Online presence payment solution (2016)

Design of core system architecture to support payment transactions from retail. Leading the development team and integration with other IT sectors. Selection of hardware. FIME homologation of software solution on Verifone Vx805. Experience with Verifone SDK and integration with payment gateways (FirstData, VisaNet).

Livebetting system architecture (2015)

Design of core and front-end (web + mobile) system architecture to support live bets online. Techniques of handling real-time events and supporting live event bets of final customers. Integration with odds providers (websocket, webservices, REST, SOAP)
Site: https://www.supermatch.com/live

Online electronic Billing (2014-2015)

Design of core system architecture to support online electronic billing of all e-tickets issued by Banca de Quinielas de Montevideo. Integration via webservices with governmental services to inform company billing. Integration with security devices (HSM).

Deployment automation (2011-2012)

Design and implementation of scripts (bash scripting + python) in order to automate deployments on production environment. Linux based administration and remote execution. Integration with Jenkins.

ANTEL

Telecommunication legacy wrapper system (2009)

Implementation of Java software to interface with legacy devices in order to automate administrative tasks and monitoring. Setup monitoring system with Nagios and Cacti.

Software Analysis of CRM (2008)

Software analysis and requirement relevation of CRM system which handles claims of ADSL customers over technical issues. Usage of UML tools.

PERSONAL PROJECTS

Stand-up Comedian (2012-2014)

Local shows in Montevideo stand-up circuit. Staff of play "Gente como uno 2014"

Radio Host (2013-2014)

"Sin Bozal" - Radio Imparcial 1090 AM
"TPU Tamos pal Under" - Online radio talk show