

# Xavier Marcos

## Systems Administrator

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### PROFILE

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I have experience in mixed environments (Windows, Linux, Mac) and in various IT projects. My adaptability and my ability to learn quickly allow me to meet the specific needs requested and I am ready to take on new challenges to contribute to the performance and security of IT infrastructures.

### PROFESSIONAL EXPERIENCE

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#### **Systems Administrator** Jan 2024 – Until now **ETS (École de technologie supérieure)**

- In charge of applications and server updates, monitoring and administration
- Applications deployments and database changes
- Gitlab administration

#### **Web Applications Developer** Aug 2023 – Dec 2023 **Freelance**

- Software migration from PHP 7.4 to PHP 8.1 for the Faculty of Veterinary Medicine of Montreal University
- The migrated systems were Bottin, Evaluations, Horaires and Repertoires which are used on a daily basis by the faculty

#### **CNEL EP (Electricity National Corporation)**

##### **Web Applications Developer** Dic 2017 - May 2023

- Developed and maintained new requirements in the online customer service system used by more than 65% of the country to make requests for new services or meter changes
- Part of a team that understood, analyzed and developed new modules in the work order system according to the requirements of distribution department personnel
- Made interface improvements to make those applications easier to use
- Developed services using REST and JSON APIs
- Checked and tested code

##### **Applications Architecture Analyst** May 2015 - Nov 2017

- Wrote user stories/use cases and developed functional specifications for systems
- Analyzed, developed and maintained new requirements with Java in the online customer service system called service balcony
- Provided technical support and maintenance of the SIEEQ commercial system

**Tech Stack:** Java, Javascript, JQuery, Maven, JSF, HTML, Primefaces, Hibernate, JPA, Wildfly, Tomcat, Springboot, Angular, Oracle DB, Mysql, MongoDB

#### **Systems Administrator** Jan 2014 – Apr 2015 **Enfoque group (Consulting company)**

- Ensured the proper functioning of the systems put in place in the company
- Software and database maintenance, as well as infrastructure
- Evaluate and select the most practical cloud platform for Nodum cloud deployment

- Developed software for Nodum ERP system to implement electronic signature using Java and the XAdES specification that uses a PKCX12 file containing the digital certificate

**Tech Stack:** SQL Server, Java, RMI, SOAP

#### **Software Developer**

**Sept 2013 – Nov 2013**

##### **IDB (Inter-American Development Bank)**

- Developed a new software to manage PRODEV program surveys internally improving their efficiency by 85%
- Implemented changes and created reports needed for the project

**Tech Stack:** C#, VB, AccessDB

#### **Systems Administrator**

**Jul 2012 – Jul 2013**

##### **Armajaro (Cocoa Exporter)**

- Ensured the proper functioning of the systems put in place in the company
- Planned the backups of the various existing systems
- Software and database maintenance, as well as infrastructure
- Problem-solving and technical assistance to users

**Tech Stack:** VB, AccessDB

#### **Technical Support**

**Oct 2011 - Jun 2012**

##### **CEDRO (Spanish Reproduction Rights Center)**

- Provided on-site user support
- Performed software installations
- Assisted with various IT department activities such as the migration to ePolicy Orchestrator 4.5 from the McAfee management console

## **SKILLS**

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- Knowledge of operating systems (Windows, CentOS, Ubuntu Linux), Server administration (physical and virtual), Knowledge of database management systems (Oracle, MySQL, MongoDB)
- Virtualization tools (VMware, Hyper-V, VirtualBox), Project management and collaboration software (Jira, OTRS), Scripting languages (Bash, PowerShell)
- Ability to adapt and learn quickly, Sense of organization and planning, Problem solving and analytical mind
- Languages: English, French and Spanish

## **EDUCATION**

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#### **Master's Degree in IT Systems Management**

**Jul 2010**

**Carlos III University, Madrid - Spain**

*Relevant Coursework: IT Service Management, IT Business Management, ITIL*

#### **Computer Engineering, major in technological systems**

**Feb 2008**

**ESPOL (Polytechnic School of Litoral), Guayaquil - Ecuador**

*Relevant Coursework: Programming Languages, Databases, Object Oriented Programming, Web Programming*