

LUIS BURBANO ULLOA
Java Software Developer

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Madrid 29/03/1979

WORK EXPERIENCE – PROGRAMMING

January 2017 – August 2017, Antartyca

Project: E-commerce application for Bricor

Programming and designing unit and integration tests with JUnit, DUnit and Mockito.

Installation and management of a GitLab internal server for the migration of previous projects from SVN to Git.

Integration manager and management of Continuous Integration system.

Training to coworkers in the use of Git and GitLab, as well as good use practices and possible ways of integrating Git in different contexts and developer tools.

Internal server installation of Maven artifacts and plugins.

Technologies: Eclipse, Java J2EE (Struts, EJB, Hibernate, Mocks and Maven), Oracle, Git.

January 2017 - April 2017, Luis Valle

Project: Wordpress portfolio for Luis Valle

Porting the website to wordpress. Demo at luisvalleartistwp.lburbanoulloa.esy.es

August 2016 - October 2016, Luis Valle

Project: Rebuilding the website for Luis Valle

Redesign of the website luisvalleartist.com, in HTML and CSS. Demo at luisvalleartistv2.lburbanoulloa.esy.es

March 2016 - January 2017, Calculo

Project: "e-Tica", management Software for Insurance Companies for "PSN"

Programmer for the web application e-Tica, an enterprise insurance company management platform, performing maintenance tasks, trouble-shooting and new developments, using Struts and Hibernate as frameworks.

Technologies: Eclipse, Java-J2EE (Struts, EJB, Hibernate and Maven), Html/JSP, CSS, Javascript/JQuery, Oracle, Git

January 2016 - April 2016, Luis Valle

Project: Designing website portfolio for Luis Valle

Web designer of an artist's portfolio, in HTML and CSS. Demo at luisvalleartist.lburbanoulloa.esy.es

January 2000 - July 2010, Microgenesis

Project: "Portal Latino". Platform for cultural promotion for "Sociedad General Autores y Editores" (SGAE)

Programmer and first level support for a web application, a cultural website for music and online sale of digital content from the "Ibero-American Audiovisual Archive".

Technologies: Borland Delphi, Microsoft SQL Server, HTML, CSS, Javascript

Project: "Archivo Audiovisual Iberoamericano". A data-mining tool to provide content to Portal Latino for SGAE.

Programmer and first level support for the data management application and CDs to mp3 digitalization.

Technologies: Borland Delphi, Microsoft SQL Server

Project: "sDae:DRM". Applications "CODEC" and "MONITOR". For SGAE.

Application programming for embedding a digital identifier in an audio before its mastering. Extraction of a defined musical pattern from musical content. The system could identify the pieces either reading the embedded code or comparing the audio with the data base of musical patterns.

Technologies: Borland Delphi, Microsoft SQL Server

Project: "Archivo Audiovisual Iberoamericano II" (AAI2). Customizable data-mining tool to feed "LaCentralDigital". For SGAE.

Programming of an application for content management, customized by parameters. Customized views according to roles or specific licenses. Compatible with Ms SQL Server, Oracle and MySQL. User activity monitoring and history for undoing operations. Content internationalization, expandable for specific tasks with plug-ins.

Back-end programmer for business administration and parametrization. Management of user accounts for the management application. Definition of specific user profiles and tasks and licenses assignment.

Programmer of web services to get content's data and manage access for renting, as a business to business model where LaCentralDigital provides media contents to other distributors.

Technologies: Borland Delphi, Microsoft SQL Server, Oracle, MySQL, XML, HTML, CSS, Javascript

Project: "LaCentralDigital". CRM system to manage "AAI2". For SGAE.

Management and business model parameterization for musical content and its distribution. Plug-ins programming for image scanning and CD track extraction to WindowsMediaAudio with DRM. Conversion and migration of the previous project version data from Ms SQL Server to Oracle.

Administration and programming of a DRM license server for granting use licenses to end users for acquired contents with functionality of a purchase gateway for renting and selling of audios and videos with DRM. License servers management.

Technologies: Borland Delphi, Microsoft SQL Server, Windows Media Rights Manager SDK

Project: "AcCine". Videoclub business models for "AAI2". For "PrivateTV", "Imagenio", "OrangeTv", "Jazztel", "Ya.com", "ONO", "Canal Autor" and "Filmax".

Parameterization of the "AAI2" for an online video club business model. Encryption plug-in to Windows Media Video with DRM programming. Installation and customization of clients license server.

Technologies: Borland Delphi, Oracle, Windows Media Rights Manager SDK, Windows Media Format SDK

Project: "Archivo Manuel de Falla". Library business model for "AAI2". For "Archivo Manuel de Falla"

Parameterization of "AAI2" for fitting it to scores and manuscripts. with functionality of cataloguing, digitalization and selling as PDFs with DRM. Migration of client data from MARC21 to Oracle. Programming of a PDF scanning plug-in with DRM.

Technologies: Borland Delphi, Oracle

WORK EXPERIENCE – OTHER FIELDS

January 2012 - September 2015

Technical assistant and manager of computer equipment. Optical "Berlin", Madrid.

July 2005 - December 2011

Community manager and PR team coordinator for festivals and events. "FSM", Madrid.

January 1999 - December 1999

Sales. Optical "Berlin", Madrid.

Active involvement on fixing bugs in opensource applications published in GitHub.

Programming of Plex' plugin agents for scrapping vodwebs and collect to fill Metadata, in Python, 2018

Volunteer with homeless and socially excluded people, NGO "Solidarios Para El Desarrollo". Madrid, 2016

Volunteer with Down syndrome people as support in a videogame building, "Voluntarios Telefonica". Madrid, 2017-2018

Volunteer with strategies of prevention and harm reduction with drugs use. NGO "Energy Control", Madrid, 2019

COURSES / CERTIFICATES

- **Unity3D** - Development of videogames and virtual reality in Unity3D- 300 hours, CICE, Madrid, 2019
- **Java Expert** - J2EE with Eclipse, JPA, JEE Architecture, Frameworks for JEE development, Struts 1 and 2, Spring, JSF, XML and Webservices - 300 hours, Grupo Atrium, Madrid, 2015-2016
- **Analysis, design and object-oriented programming with JAVA and NetBeans** - 250 hours, ESF, Madrid, 2012
- **Visual Basic .NET**, ESF, Madrid, 2011
- **Functional Analyst in C++ and JAVA** - 260 hours, RSP, Madrid, 2010
- **Multimedia systems production** - 215 hours School of Industrial Engineering, Madrid, 1998

LANGUAGES

- **English:** Upper level (**B2**) in writing and reading. Intermediate level in speaking.
- **Spanish:** Native

SKILLS AND COMPETENCES

Java technologies

Advanced	Java, MVC pattern, Maven
Intermediate	Hibernate, Spring, Struts, JSP, JSF, Mockito, JUnit, DbUnit
Basic	EJB, JPA, Arquillian, TestNG, JSon

Principles of Methodology and Philosophy

Intermediate	Refactoring, SOLID, Continuous Integration, Unit testing, Integration testing, Patterns, Scrum, Web Scraping
Basic	Agile design, TDD, Kanban

Servers

Intermediate	Apache Tomcat, Glassfish
Basic	JBoss, WildFly

IDEs / Tools

Advanced	Eclipse, GitKraken
Basic	IntelliJ, PyCharms, VisualStudio

Collaboration / Tracking systems

Advanced	Git, GitLab, BitBucket
Intermediate	Redmine
Basic	Jira, SVN, Nexus, Jenkins

DBMS

Intermediate	Oracle Database, Microsoft SQL Server, MySQL
Basic	Apache Derby, H2, HSQL, MongoDB

Web technologies

Advanced	HTML, CSS, XML
Intermediate	JavaScript, JQuery, BootStrap, Wordpress
Basic	PrestaShop

Systems

Advanced	Windows
Basic	Linux (Debian, Raspbian, Ubuntu)

EDUCATION

Professional Training, in machining technician - IES "Virgen de la Paloma", Madrid, 2000

HOBBIES

- Video games (adventure graphics and retro)
- Raspberry Pi
- Do-it-yourself
- Hiking
- Urban adventures: get inside and visit abandoned places, tours in the underground through the drain system or sunsets in the highest roofs