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Curriculum Vitae

Academics:

- Specialist in Foreign Trade - UNED, Spain, 2006-2007
- Master in Computer Science Engineering - Universidad de Oviedo, Spain, 2000-2006, (Erasmus grant in the Comenius University of Bratislava. 2005-2006)

Professional Experience:

- 2013 - Now - Technical Lead at Interactive Data (Frankfurt and Belgrade)
- 2008 - 2013 - Senior Software Engineer at Accenture (Frankfurt, Munich, Zurich and Mumbai)
- 2007 - 2008 - Software Engineer at MGM Group (Cologne and Milan)
- 2006 - 2007 - Software Engineer at Indra Group (Madrid and London)
- 2005 Internship at Hidrocantabrico (Oviedo, Spain)

Projects:

- +7 years experience in several Java and JavaScript based projects as Software engineer and consultant. Mostly in the financial sector.
- Off shore experience: Mumbai and Belgrade. Experience working and managing teams off shore and locally.
- Team lead experience: Experience leading teams (+5 members).
- Experience as Trainer: I worked as trainer for different Spring MVC, Internal Java APIs and Products trainings.
- Author and writer: I wrote several articles for specialized web magazines.

IT:

- Java: Several years of experience in Java projects and API development. Expertise in Java/J2EE, Java 8, Spring MVC, Hibernate, Toplink, JavaFX, EJBs, Swing, JAXB, Java Web Start, Applets and others.
- JavaScript: Experienced in JQuery, Require.js, Backbone, Underscore, D3.js, Angular.js and other JS libraries.
- Other languages: Interested and some field experience (not professional) in Scala, C, C++, Lisp, PHP, Akka, Play Framework, Vert.x and Ruby.

- Experienced in client server architecture and web services.
- Experienced in Continuous integration tools like Jenkins, Hudson and Teamcity,
- Experienced in versioning control tools like Git, SVN and CVS.
- Experienced in other development IDEs like VI, Eclipse, Net Beans, PHP Storm and in tracking and project management applications like Mercury Quality Center, Bugzilla, Jira and others.
- Experienced in Unit, regression and Integration (web and client based) testing. Knowledge of several libraries and tools like QF-Test, Selenium, Junit, PHPUnit, QUnit, Mockito and Powermock.
- Experience with different CMS like Liferay (Development and Administration) or Alfresco (Administration). Experienced in custom CMS.
- Databases: Experience with relational databases like Oracle and MySql and NOSQL ones like MongoDB and CouchDB.

Languages:

- English, German and Spanish (native).

Hobbies and interests:

- Family, Literature, History, Culture, Travelling, Internet, Technology, Real Oviedo, Economy and Finance.

Project Portfolio

2013 - Now: Financial HTML Widgets (Interactive Data) - Technical Lead Product Development

Many financial platforms are using the same type of data and representation in their solutions. Interactive Data creates widgets that can be reused in all kind of applications. This project is about the design and implementation of several HTML widgets that are used in different financial platforms. These widgets are integrated as reusable products in financial web sites and desktop solutions like the prime terminal mentioned bellow.

- Main used technologies are: JavaScript, JQuery, Backbone.js, Require.js, PHP, and CSS.
- My task is to coordinate the whole development process involving taken technical decisions, reporting to the management, development of the widgets and testing of the products.

2013 - Now: Prime Terminal (Interactive Data) - Technical Lead Product Development

Prime Terminal is a Java and HTML based financial market terminal where users can access real time quotes, historical data and master data. It can be customized by customer or by user. It is deployed in several countries around the world. It can be integrated in external systems like company web pages and can collaborate with Microsoft tools like Excel via DDE and RTD.

- Prime Terminal is implemented using HTML, CSS, Java, Swing, JavaFX, Java Web Start, MongoDB, JavaScript, JQuery, and D3.js, Twig and different proprietary IDMS software and databases for accessing the financial data in the IDMS backend.
- The product is built using Ant and Teamcity. Continuous Integration is applied per commit and nightly builds are executed providing statistics (like test coverage, PMD or Find Bugs) about the software quality.
- The code versioning is done using SVN. For incident and task management Jira is used.
- Code reviewing is managed using Phabricator and Archanist.
- My main tasks in this project are to coordinate all the new development, changes, customizations, testing and deployment processes and code quality control from a technical point of view.
- The team is composed of 5 developers located in Frankfurt and 3 developers located in Belgrade.

2013 - Now: Financial API Development and Training (Interactive Data) - Technical Lead Product Development

My responsibilities as technical lead in IDMS included as well the development and maintenance of different Financial Java APIs and IDEs for accessing IDMS back end data. As API responsible I was in charge of coordinate the maintenance and the continuous development of the API and give different trainings for external and internal customers. Trainings contained information about the financial Data Model, how to retrieve from a functional perspective and how to use the Java API to get this data in Java based applications.

- The team is composed of two main developers and two trainers.

2012 - 2013: Clear (Deutsche Börse) - IT Consultant

Clear is a new Clearing system that is going to replace the current Eurex Clearing application. This project consists in the specification of a new clearing system for the Deutsche Börse. Mostly this project is a functional project.

- Project is located in Frankfurt.
- My tasks here are to collaborate in the technical specification and elaboration of a new data model.

2011: Touch and Travel (Deutsche Bahn) - Software Engineer / Team Lead

Touch and Travel (<http://www.touchandtravel.de>) is an application to buy train tickets using NFC technology. It uses a Liferay based CMS solution to manage all customers and ticketing information. It also has several interfaces to different payment, control and other internal Deutsche Bahn systems.

My tasks in this project are to customize and implement all needed changes in the Liferay CMS in order to integrate it with all needed external applications and databases.

Main used technologies were Java, Portlets, Apache, JavaScript, JQuery and JSFs.

Project is located in Frankfurt.

The team is composed of 3 developers.

2010 - 2012: FX MM Calypso (Commerzbank / Dresdner Kleinwort) - Software Engineer / Team Lead

The project consists in the integration of the back offices systems of the two mentioned banks above. The solution taken for this integration was Calypso; a Java based system for Back, Middle and Front Office.

My responsibilities were the specification and implementation of different modules: Reference and Accounts data systems, interfaces with several Front Office Systems to Calypso, like Summit, Murex or Kondor+.

- Main used technologies are Java, Calypso. The knowledge of asset classes, reference data, derivatives, FX and MM products is very important. Also the pre trading, trading and post trading process is a key asset.
- The team is composed of more than 50 people (developers + analysts) located in Frankfurt, London, Madrid and Mumbai.
- The off shore team I was responsible for is composed of 5 developers.
- The local team I was responsible for is composed of 2 developers.

2008 - 2010: Tesys (CACEIS Bank Deutschland / Unicredit) - Software Engineer / Incident manager

Tesys is a Settlement Back Office System. I am part of the development team in charge of several modules like Confirmations and Trades Matching and Reports generation. My tasks are the implementation and incident fixing of several components. I am the incident manager of the team.

- Main used technologies are Java, Top link, Oracle DB and MySQL. For incident management Mercury Quality Center is used.
- Project is located in Munich.
- The team is composed of 9 people (developers plus analysts).

2007-2008: ERGO CMS - Software Engineer

- Project Description: Implementation of a CMS for the ERGO Group.
- Project is located in Cologne and Milan.
- Main used technologies are Java, JSFs, and IBM Web sphere, Liferay, MySQL, Velocity and DB4O.

The team is composed of 5 people.

2006-2007: Integration Trading Platform (Abbey / Santander) - Software Engineer

Integration of the trading platforms for the banks mentioned above.

- Main used technologies are Java and Oracle DB.
- Project is located in London and Madrid.
- The team is composed of 10 people.

2005: Marketing department assistant (Hidrocantabrico / EDP) - Internship

My tasks were to assist in the maintenance of the SAS and SAP systems and databases.

2005: Web site for a translation company (University of Comenius in Bratislava) - Student

During my stage in the Comenius University of Bratislava, where I coursed my last Master Degree credits, I implemented a web site for a real translation company. I presented this project as my final degree Thesis with outstanding award.

- Main technologies used: Java, PHP and HTML.

2003: Algorithm for solving the TSP (University of Oviedo) - Student

Bachelor Final Thesis with outstanding award within the Artificial Intelligence Department.

- Main technologies used: C and C++.

Open Source / Free Time

- Several JS, Java, Scala and other kind of projects and collaborations ongoing, check my Git Hub account: <https://github.com/danibuiza>
- Currently I am collaborating with the Java Code Geeks page. My articles are listed on <http://examples.javacodegeeks.com/author/dani-buiza/>

- For more information about me please visit <http://danibuiza.github.io/yo/> or send me an email to danibuiza@gmail.com