

Personal Details

Name: Fabio Bolotta

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Key Strengths

- > Experience on Database Design, Business Intelligence, Software Development both client side and server side;
- > Excellent problem solving skills;
- > Analytical ability;
- > Attention to detail;
- > International experience;
- > Strong communication skills: Written and oral.

Key Technologies used

- > Sql, Microsoft SQL Server, Oracle, MySql;
- > Database programmability: T-Sql, PL-Sql.
- > SSIS;
- > QlikView scripting & dashboard;
- > Powersim Studio - dynamic business simulations;
- > C# for Windows Form. Also with DevExpress modules;
- > PHP 4 server side developing;
- > Excel with VBA;
- > Access with VBA as both db and front-end functionalities;
- > HTML and CSS;
- > Javascript: client side developing.

Other technologies used in past

- > C++;
- > Java;
- > Visual Basic;
- > ASP .NET for web applications;
- > Assembler - Borland directives;
- > CMS (even working on source code for custom needs);
- > Classic ASP;
- > PHP 5 Object Oriented server side developing;
- > SSAS;
- > SSRS;
- > JQuery.

Main Work History

October 2014 - April 2015: Employee at ITS Management - Sydney, Australia

- > Business Intelligence;
- > System Integration;
- > SQL Queries
- > Transact SQL procedures;
- > Monitoring on-line transactions status;
- > Monitoring web application performance;
- > Security and Risk Management activities, On-line fraud research;
- > Remote Assistance.

Technologies used:

- > SQL Server – SQL, T-SQL;
- > Casper BI (internal software).

September 2007 - April 2014: Database Designer & Developer, Software Developer at MAS Consulting s.r.l. - Lecco - Milan, Italy

- > Design and develop databases for several projects;
- > Develop web architectures for distributed applications;
- > Develop client architectures for stand alone applications;
- > Work on several web sites and Windows forms;
- > Develop and managing corporate Blog and Web Site;
- > Develop QlikView dashboard and scripting;
- > Develop simulation models with Powersim Studio;
- > Managing Workshops about Powersim Studio.

Technologies used:

- > SQL Server – SQL, T-SQL;
- > Oracle – SQL, PL-SQL;
- > SSIS with Visual Studio and SQL Server;
- > QlickView;
- > Powersim Studio & SDK;
- > C#;
- > PHP, HTML, Javascript, JQuery;
- > MS Access & VBA;
- > MS Excel & VBA.

June 2004 - April 2007: Software developer & Purchase Department Employee at ELMEC s.r.l. - Lecco, Italy

- > Develop custom software for internal customers (Inventory, Economics Scheduling, Stock Management);
- > Studying and customize stocks logics, times and methods, logistics improvements;
- > Managing relationship with suppliers, contracts and conditions, purchases forecasting.

Technologies used:

- > MS Access & VBA;
- > MS Excel & VBA.

Through the years, worked on several IT projects as freelance. Listed below are a few of my projects:

Projects

Desktop Applications:

ETZ – Repower
Energy Trading Risk Management
Technologies used: SQL Server, SSIS, C#

This application allows customer to store and analyze portfolio of Energy Trading contracts, manage the business related risks like the exposure of the portfolio to indexes and commodities.

Role: I was the main consultant for system upgrades and project maintenance, I also had a significant role in project developing. I worked on database design and programmability, SISS developing, C# Forms, C# services.

Achievements: Due to the improved service level, I developed a procedure able to replicate quickly the customer environment in a test twin system. This allowed my team to provide more significant tests results with an higher frequency, and the customer to receive required software upgrades in a shorter delivery time.

Screen shots: <http://www.jemo.us/1/page.php?id=695>

ATLANTIS SPA - Azimut Benetti
Production Planning
Technologies used: Powersim, MS Access, MS Excel

This application allows head of production to simulate the production chain stages, and taking decisions about the effort (manning) necessary in order to accomplish sales demands.

Role: My effort during the developing stage was focused on Access (used as database and front-end), and to the links between involved systems. I also had to introduce new resources into the project, providing training sessions and assistance on their tasks.

Achievements: Due to an imminent milestone delivery, I split the commission into smaller tasks, and suggested new resources to be relocated on some of those, instead of their original ones. Thanks to this relocation, milestone was delivered on time.

Screen Shots: <http://www.jemo.us/1/page.php?id=243>

Web Applications:

TASC - Timac Agro
Supply Chain
Technologies used: Oracle, Powersim, PHP, html, css, Excel with VBA

Application which allow Head of Supply Chain to manage first matters needs, production planning and stocks management.

Role: I was the main consultant for system upgrades and project maintenance, I have been also involved into requirements collection and project developing. I worked on database design and programmability, Php server side developing, HTML interfaces, Simulation Model mapping.

Achievements: A priority requirement was about collecting and managing purchase requests from all different departments. While the architecture was still work in progress, I developed an advanced excel-VBA form, which allowed departments to quickly complete their requests. Most of form's available options were updated via macros, and a basic authorization system allowed purchases manager to validate the requests. This was supposed to be a temporary solution, but it has been elected to main option because several times operators had no internet access, in order to use the web form developed later.

Screen shots: <http://www.jemo.us/1/page.php?id=506>

MASTRO - STRA-Le

Time Reporting

Technologies used: Oracle, PHP, QlikView, html, css

This Application allows project managers to monitor the effort, in terms of time and money, spent on projects by resources, thanks to forms filled by employees and live-time comparisons with estimated man-hours.

Role: I had the opportunity to entirely lead this project, which has been developed for internal purposes first, and sold to customers at the following stage. I was in charge of database design and programmability, web application, reporting tools configuration.

Achievements: The first solution used to provide report was an excel elaboration. Some human actions were necessary in order to collect all small exported files into the report excel file. I suggested a VBA macro which populate the main excel file reading straight from last version of each exported file. This improvement significantly reduced time needed to create reports, avoiding any chance of human mistakes.

Screen Shots: <http://www.jemo.us/1/page.php?id=424>

Education

Diploma in Computer Science, specialization in Industrial at I.T.I.S Ten. Vasc. A.Badoni - Lecco

Contests and achievements

2004 Applied Mathematics Olympics - Award for being ranked in top 20 in the final stage.

Short courses

Stocks logics, Times and Methods, Logistic Improvements.

References

Marzia Basile
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Hobbies and leisure interests

- > Sports (running, soccer. Playing and coaching);
- > Reading;
- > Classic music studying and playing;
- > Information Technologies;
- > Travels;
- > 7th art.