

## Marek Pisch

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### Highlights of Qualifications

- \* Over 9 years experience of WEB and client – server applications development (PHP, SQL, PL/SQL, HTML, XHTML, XML, JavaScript, AJAX, CSS, PHP GTK, Drupal CMS) with strong relational database background (Oracle, PostgreSQL, MySQL, MS SQL, SQLite).
- \* Proficient and experienced in WEB technologies and database objects design and implementation.
- \* Work well both independently and as part of a team.
- \* Performs effectively despite sudden deadlines and changing priorities.
- \* Posses good knowledge and practice about whole life cycle of Internet/Intranet projects (analysis, design, development, testing, documentation and deployment).
- \* Dedicated to expanding professional and personal knowledge through continuous learning.
- \* Highly reliable self-starter, can be counted on to complete assignment with little or no supervision.
- \* Served clients from different industries: Oil & Gas, Telecommunications, Human Resources, etc.

### Work Experience

#### Senior Analyst & Developer

ALTASO LTD., Calgary, [www.altaso.com](http://www.altaso.com)

Mar 2009 – present

- \* Owner of ALTASO LTD. and Senior WEB and Application Developer, Analyst
- \* Working on multiple WEB based projects for different clients in 2009:
  - \* Claero Solutions & FIRE system – Electronic Invoicing for the Oilfield: [www.fieldinvoice.com](http://www.fieldinvoice.com)  
Multiple responsibilities: information gathering, analysis, design, development & deployment
  - \* MonkeySpeak, a Division of Aaron Acceptance Corporation & FAFT system – Focus & Follow Through – Productivity Coaching System – [www.focusandfollowthrough.com](http://www.focusandfollowthrough.com)  
Responsible for WEB application development using LAMP, Zend Framework, WEB services
  - \* Medium13 & iKibic Application - knowledge base system for Orange Slovakia [www.orange.sk](http://www.orange.sk)  
Fixing Database Replication, APP and DB performance audit, writing multiple documentations
  - \* Soul Integrated Solutions: [www.soulintegrated.com](http://www.soulintegrated.com) & Wine Access website: [www.wineaccess.ca](http://www.wineaccess.ca)
  - \* RedPoint Media Group: [www.redpointmedia.ca](http://www.redpointmedia.ca) & Calgary Avenue: [www.avenuecalgary.com](http://www.avenuecalgary.com),  
Edmonton Avenue: [www.avenueedmonton.com](http://www.avenueedmonton.com), West Jet Up! Magazine: [www.upmagazine.com](http://www.upmagazine.com)
  - \* Other small clients: TREQUAL Process Equipment Ltd., SportStat LLC, CSC & GDE, ...

#### Senior Programmer/Analyst

Claero Solutions, Calgary, [www.claerosolutions.com](http://www.claerosolutions.com)

May 2006 – February 2009

- \* Senior Developer and Analyst for FIRE system: [www.fieldinvoice.com](http://www.fieldinvoice.com)
- \* Design and Development of user interfaces: (X)HTML, CSS, PHP, JavaScript, XML, AJAX, ...
- \* Design and Implementation of DB application logic, writing complex SQL queries (MySQL, SQLite)
- \* Working with PHP GTK to develop stand alone client side application (FIRE Unplugged) and using WEB services to communicate with serve based FIRE Online part.
- \* Responsible for whole project life cycles: information gathering, analysis, application and database design, development, testing, documentation, deployment and 3rd level production support.
- \* Working with oil & gas service companies: Canadian Sub-Surface, Weatherford International, ...
- \* Integrating FIRE Online with accounting systems: Quick Books, Great Plains, MS Dynamics.
- \* Using third party libraries and tools: PEAR, FPDF, Google Maps, Yahoo UI libraries, JpGraph, ...
- \* Occasional coordination of external (outsourced) developers and teaching junior developers.

### **Senior Programmer**

Claero Systems, Calgary, [www.claero.com](http://www.claero.com)

April 2005 – April 2006

- \* Programming database driven web applications for small and medium enterprises (SMEs).
- \* Providing support for creating quotes and proposals for new projects, requirements gathering.
- \* Designing, developing, testing and documenting software projects.
- \* Designing database models, application structures, code structure and user interfaces.
- \* Technologies used: PHP 4, PHP 5, MySQL 4, MySQL 5, HTML, CSS, XML, XHTML, JavaScript, AJAX, PHP GTK, SVN, MS SQL 2000, GIS, MapServer, Apache, Linux, Yahoo, Web Services, ...
- \* Projects & Clients:
  - \* FIRE – Field Invoicing & Reporting Engine: [www.fieldinvoice.com](http://www.fieldinvoice.com) (Cansub, Weatherford, ...)
  - \* Canadian Well Logging Society: [www.cwls.org](http://www.cwls.org)
  - \* Mackenzie Valley Environmental Impact Review Board: [www.mveirb.nt.ca](http://www.mveirb.nt.ca)
  - \* Bikini Boot Camp: [www.bikinibootcamp.ca](http://www.bikinibootcamp.ca)
  - \* Empson Canada Inc.: [www.empson.com](http://www.empson.com)
  - \* Intranet projects for [www.praxis.ca](http://www.praxis.ca) – Land Man project for AltaLink, Nexen, Petro-Canada.

### **Web Developer**

Hire Ground Careers, Calgary, [www.hgcareers.com](http://www.hgcareers.com)

Jun 2004 – March 2005

- \* Designing and developing user interfaces for complex Internet applications using HTML, CSS, PHP, XML and JavaScript.
- \* Implementing database application logic, writing stored procedures and building complex SQL queries using PostgreSQL database system and PL/PgSQL scripting language.
- \* Writing legible and formatted code without the use of WYSIWYG editors.
- \* Performing basic administrator duties for Linux O/S platform (installation, configuration, backup).
- \* Responsible for smooth running and development of online job board and resume database
- \* Involved in development of Applicant Tracking System (ATS) for Human Resources departments:
  - \* CCS Energy Services: [ccs.hgcareers.com](http://ccs.hgcareers.com)
  - \* Canadian Natural Resources Limited [cnrl.hgcareers.com](http://cnrl.hgcareers.com)

### **Project Manager/Analyst/Developer**

SoliT (Solutions IT), Bratislava, Slovak Republic, [www.solit.sk](http://www.solit.sk)

September 2003 – April 2004

- \* Responsible for hiring, teaching and leading new employees, controlling project statuses and plans, communicate with customer's employee, solve problems and prepare reports for my boss.
- \* Analyzed customer's requirements, wrote project analysis and functional specifications, designed DB models and applications structures.
- \* Supervised team of 5 developers. Participated on development and deployment Intranet/Intranet applications for company's customer and testing applications.
- \* Providing software development services and IT outsourcing for Orange Slovakia, largest GSM provider in the country. Orange Intranet served more than 1500 users (employees and dealers).
- \* Technologies used: Oracle DB systems, PL/SQL scripting language, HTML (thin client – web browser), XML, SQL, Java, MS Visio, SQL navigator, HTTP, LDAP, PHP, WML, JavaScript.

### **Analyst/Developer**

September 2000 – August 2003

I.S.D.D. (Intelligent Solutions Development & Deployment), Bratislava, Slovak Republic, [www.isdd.sk](http://www.isdd.sk)

- \* Worked on Internet, Intranet and WAP solutions for company customers.
- \* Responsibilities: analyze customer's requirements and systems; write functional specifications; design applications and database models; development, testing and deployment of applications, writing documentation.
- \* Worked independently or in small team (3-5 developers) depends on project.
- \* Used technologies for Portal (Internet) solutions: HTML, SQL, PHP, ASP, PL/SQL, JavaScript, XML, PostgreSQL, Oracle, C, Linux, Apache web server.
- \* Technologies used for WAP portal applications: GPRS, WML, XHTML, PHP, SQL, PL/SQL, Oracle, XML.
- \* Intranet solutions based on Customer Intranet Core used Oracle database systems and PL/SQL scripting language. Another technologies used: HTML, HTTP, XML, Java, C, JavaScript.
- \* Delivered exceptional SW services for largest GSM provider in the country – Orange (Globtel).

### **Education**

Degree in computer science.

Comenius University in Bratislava, Slovak Republic

Graduated in 2000

Faculty of Mathematics, Physics and Informatics, [www.uniba.sk/mffuk/](http://www.uniba.sk/mffuk/)

Department of computer science

Specialization:

- \* Algorithms and Parallel Computations
- \* Programming and Computer Systems

### **Volunteering**

#### **Condo Board Member/Vice President**

May 2007 - present

Sunalta Place Condominium Corporation, Calgary, AB, Canada

- \* Dealing with unit owners, building maintenance scheduling, budgeting, insurance claims, ...
- \* Responsible for solution suggestions, decision making, voting procedures, meetings, account sheets validations and others

#### **Teacher/Assistant**

September 2002 – December 2002

Slovak University of Technology, Bratislava, Slovak Republic

Faculty of Electrical Engineering and Information Technology, [www.elf.stuba.sk](http://www.elf.stuba.sk)

- \* Teaching basic programming techniques and algorithms, introduction to C language
- \* Teaching 2 groups about 15 students each (first class university students)

### **Personal development and membership**

- \* Meyers Norris Penny (MNP) - small business program (2 months) - 2009
- \* CLUG member, [www.clug.ca](http://www.clug.ca)
- \* Preparing for OCA certification.
- \* Preparing for ZEND certification.

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**Professional skills**

<b>Programming Languages</b>	<b>Experience Level</b>	<b>Years</b>	<b>Last Used</b>
SQL	advanced	9	present
PHP (PHP3, PHP4, PHP5)	advanced	9	present
PHP GTK1	advanced	3	present
JavaScript	advanced	7	present
Zend Framework	medium	1/2	2009
Cold Fusion	basic	1/2	2009
T-SQL	basic	1/2	2006
PgSQL	medium	2	2005
PL/SQL	advanced	3	2004
C	medium	2	2003
ASP	basic	1/2	2002
Pascal/Delphi	medium	2	2000
SmallTalk	medium	1	2000
Java	medium	1	2004
<b>Database Systems</b>	<b>Experience Level</b>	<b>Years</b>	<b>Last Used</b>
MySQL (MySQL4, MySQL5)	advanced	8	present
SQLite (SQLite2, 3)	advanced	3	present
Oracle 10g express	medium	1/2	2009
MS SQL 2000	basic	1/2	2006
PostgreSQL	advanced	4	2005
Oracle 8i, 9i	advanced	3	2004
<b>Interfaces &amp; Protocols</b>	<b>Experience Level</b>	<b>Years</b>	<b>Last Used</b>
(X)HTML	advanced	9	present
CSS	advanced	9	present
XML	advanced	4	present
HTTP	medium	8	present
AJAX	medium	3	present
WML	medium	2	2003
IMAP, SMTP	medium	1	2001
LDAP	medium	1	2004
Java applet	basic	1/2	2002
<b>Software</b>	<b>Experience Level</b>	<b>Years</b>	<b>Last Used</b>
NuSphere PhpED	advanced	5	present
MS Office	medium	9	present
CVS/SVN	medium	5	present
MS Visio	medium	6	present
Eclipse IDE	medium	1	present
HomeSite	medium	3	2004
Enterprise Manager	basic	1/2	2006
Query Analyzer	basic	1/2	2006
SQL Navigator 3, 4	advanced	3	2004
MS FrontPage	advanced	2	2002
MS Project	medium	2	2004
MS Visual SourceSafe	medium	2	2004
<b>Operating Systems</b>	<b>Experience Level</b>	<b>Years</b>	<b>Last Used</b>
MS Windows 2000/XP	advanced	8	present
Linux/Unix	medium	8	present
MS Windows 95/98/ME	advanced	6	2008
MS Windows NT	medium	3	2002