

Shybanov Valentyn

General information

Date of birth 1980
Address Kiev, Ukraine.

Education

At 1997 graduated **Gymnasium "Poklyk", Kiev** (gained general education)
At 2003 graduated **National Technical University of Ukraine "KPI", Kiev** (gained Master of Science degree in Mathematics (Probability theory))

Experience

From 2010 till present worked at position of *Senior Developer/Head of Ukrainian Branch* at [Twinfield](#) on *Twinfield International N.V. - the European market leader in the area of online accounting. SaaS system with over 10 years of history and presented at more than 20 countries.* . Technologies used: .NET 3.5/4.0 (C#, VB.NET),MySQL,MSSql 2010

From 2005 till 2009 worked at position of *Core developer/Team leader* at [DevelopEx](#) on *Several projects. Among them: AuctionFloor - Huge ERP project with multiple modules and complex backend made for auction house who makes live auctions. The system includes such modules as inventory module, payment, accounting, checkout, shipping, live auction software etc. It is integrated with several 3rd party APIs (ebay, USPS, UPS, Fedex, ACH payments, Paypal, CC processing gateways) and has two bidding templates (AJAX and C++) and realtime TCP/IP server software to make live auctions. Error report - Web-module for helpdesk system which allows filing helpdesk and inventory reports to support people. Web Order - Business management system which allows to automate purchase processes in an enterprise and integrated with 3rd party applications. Prospeo - trending component with complex graphs drawing for 3rd party application. FlowCharting - charting component to use as DotNetNuke module.* . Technologies used: C#,C++

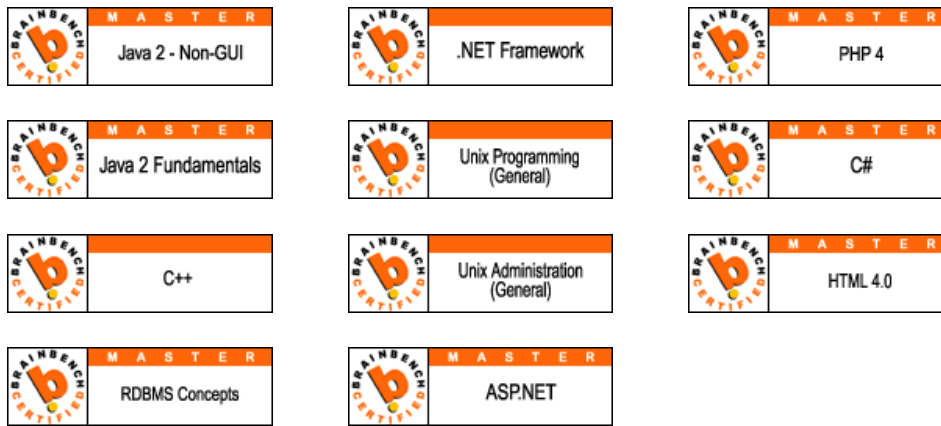
From 2004 till 2005 worked at position of *Developer* at [Frontex](#) on *Xcelerix: non-relational (entity-relational) in-memory database. Targeting as ultra-fast information storage, Xcelerix used entity relational schemes to provide determined selection time for data queries, that in standard relation-based database system would require exponential growing time. Also Xcelerix provided support to as many OS as possible, including Windows, Mac OS, different distributions of Linuxes, HP-UX.* . Technologies used: C++,Perl,Java2

- From 2004 till 2004 worked at position of *Developer* at [AMI-Ukraine](#) on *PersonPro* - personnel management system. Enterprise-level Ukrainian fully customizable solution that handles all processes of HR: gathering, storing, publishing information, handling complex queries about personnel, preparing customizable reports, including documents of strict accountability. . Technologies used: Delphi,ODBC
- From 2003 till 2004 worked at position of *Senior developer/System architect* at [Obex Corporation](#) on *Web application for B2B telemarketing*. Distributed system, that allows customers to plan and implement telemarketing process and calculate profits. Used AJAX to accelerate system,minimize risks of concurrent modifications and make system more user-friendly. . Technologies used: PHP,MySQL,Design Patterns
- From 2001 till 2003 worked at position of *Senior developer/Team leader/Project manager* at *Alitel* on *VoIP billing system based on Radius server*. Started as first developer of this system, and continued as head developer of small group of developers. Mastered C++ unix programming, database management, multi-threaded and time-sensitive development. Also got skill of managing group of developers (code review, planning, etc). . Technologies used: C++ (gcc),MySQL,Radius RLM,CGI
- From 2000 till 2001 worked at position of *Freelancing developer* on various projects, mostly web-related. Got practice in creating web sites using PHP, MySQL, Perl, Java and administration of UNIX-servers (Linux/FreeBSD). . Technologies used: PHP,Perl,Visual C++,Java2
- From 1998 till 1999 worked at position of *Developer* at *Lider, ltd* on *System for stock-taking for car-selling warehouses*. The main purpose of system was to store information about stock status and do complex queries on searching product analogs. . Technologies used: MS Access,Delphi,BDE (Paradox)

Other projects (open source and non commercial)

- Participated in [GWT-UI](#) as author A library for Google Web Toolkit, that allows building of UI layouts with declarative syntax. Though it also provides switching of layouts/contents by "state" of application, main functionality was covered by UI Binder component introduced in GWT 2.0. Thus project was discontinued. . Technologies used: Java,GWT.
- Participated in [MMC](#) as contributor/maintainer Worked on MMC - MUD/Telnet client, written in C++ and uses Perl as internal scripting language. Both Windows and Unix platforms supported. . Technologies used: C++,Perl,ncurses,WinAPI.
- Participated in [C7I](#) as contributor/main developer C7I is one of the biggest and oldest russian MUD (Multi User Dungeon) world. It is self-living virtual world with tons of quests, closed economy, weather, balanced game mechanics. . Technologies used: C++,Lua.
- Participated in [Look - FTP Search Engine](#) as author Look is search engine that scans FTP servers and indexes file lists. Created back in 2004, it attracted lots of users because of extended search capabilities: partial matching, reg. exp. Development was discontinued because of lowering FTP servers popularity. . Technologies used: C++,Perl,PHP.

Certifications



Fields of knowledge

Programming languages

C/C++(gcc, MSVC++ (WinAPI, WinSocks), BC++ (VCL))
 C#(.NET Framework (1.1, 2.0, 3.5, 4.0), ASP.NET, ASP.NET MVC)
 Java(JDK 1.4 - 6.0, GWT, JDBC, Tomcat, Struts, Hibernate)
 Perl(CPAN modules)
 unix scripting(bash, tcsh)
 asm(x86 arch.)
 Delphi(VCL, Jedi, BDE)

Project development

Design patterns
 Source revision control systems(CVS, SVN, TFS, Git, Mercurial)
 Agile methodologies(XP, Scrum)

Operation Systems

FreeBSD
 Linux
 Windows

Databases

MySQL
 Oracle
 MSSQL

Web technologies

HTML(HTML4, DHTML, XHTML, HTML5)

JavaScript(ExtJS, prototype, jQuery, node.js)

PHP(PHP5)

XML(XML+XSLT, XPath, XQuery)

ASP.NET(Web Forms, MVC)