

Andrejs Pankins

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Riga, LV-1035, Latvia (Europe Union)

CV

SHORT PROFILE

- More 15 years' experience in designing and developing commercial applications.
- The special experience in financial systems development (payment gateways, brokerage trading system, back-office and banking software) and social network development include real-time xmpp features, social streams, high load etc.
- Strong project management and team leadership skills. Good experience to work in distributed team and management of the distributed team.
- Developing commercial applications applying Agile and Extreme Programming.
- Solid experience to work completely independently during the whole project cycle.
- Object oriented software engineering. 3-tier, N-tier system architecture.
- Strong knowledge of Design Patterns includes MVC.
- Broad SQL skills - design, development, analysis and administration. High loaded database server's administration and optimization.
- Experienced in all aspects of software development: analysis, documentation, design, coding, debugging, deployment, maintenance and testing.
- The huge experience and practice in the enhancement and expansion of existing systems, to find the optimal architecture, technology and solutions.

KEY SKILLS

Project management, team lead, system architect.	11 years
PHP, MySQL, WAMP, LAMP	10 years
AJAX, jQuery, YII and Zend frameworks, etc	5 years
Linux, Apache, MySQL servers administration, MySQL DBA	10 years
HTML, CSS, JavaScript	10 years
Java, GWT	3 years
Oracle databases development	2 years
VB.NET, ASP.NET, MS-SQL, Crystal Reports	8 years
IIS, Windows servers administration	10 years
Visual Basic (VB6), ASP, MS Access	14 years
Search engines optimization, link building, traffic analysis and research	10 years
AdWords / AdSense campaigns creation and management	8 years
Ruby on Rails	1 year

LATEST PROJECT

Proudys.com.

2011

Germany, Latvia.

Role: Project Manager, Architect.

Responsibilities: Full time consultant for social network development. Architecture, team building, overall project management, code/task control, problem analysis and problem solving.

Skills used: Ruby on Rails development, MySQL5, Apache2, Node Js, HTML, CSS, XML, JavaScript, AJAX, MongoDB.

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General social network with many interesting new features. Main role is overall project architecture, building permissions and privacy architecture, social streams development

MOST VALUED PROJECTS

Sport Fun Social Network Engine.

2010 - 2011

Spicesoft SIA, Riga, Latvia.

Role: Project Manager, Architect, Tech Lead.

Responsibilities: Develop core framework for high loaded social network system. Architecture, team building, overall project management, code/task control, problem analysis and problem solving.

Skills used: Strong OOP patterns PHP5.2 development, MySQL5, Apache2, Jabber/XMPP, HTML, CSS, XML, JavaScript, AJAX, jQuery, Zend, YII, Sphinx, MongoDB, Key-Value high load architecture, servers clustering.

High loaded social network platform project. The very complex system with mix of technologies: php, MySql, MongoDB, Jabber/XMPP, Sphinx full text search engine, DAO/Active record database access. Server clustering to distribute load on frontend and database backend. Various caching technologies – memcached, file and APC engines for database caching, code fragment caching and page caching. MVC architecture with Key-Value object find and access pattern.

ChatCity family sites. Social network with video chat.

2009 - 2010

Beano Publishing LLC, Florida, USA.

Role: Lead of billing team, software developer, release manager.

Responsibilities: Develop and maintenance billing part of project, overall system architecture, high loaded MySQL database optimization and load balancing.

Skills used: Strong OOP patterns PHP5.2 development, MySQL5, Apache2, Adobe Media Server, HTML, CSS, XML, JavaScript, AJAX, jQuery, Zend, ActionScript 3.

This is a big social network project with online webcams functionality. The application used for more 1,000 domains. One of them is www.onlinechatcity.com. System is very high loaded. In project used various techniques for load balancing, include MySQL master-slave. In project used mixed technology with PHP 5.2 server side and html/javascript/flash/jQuery for client side. For PHP part used strong OOP patterns. Own framework was developed for this project, include classes for database management, templates, administration UI. For administration backend used rich java based UI's. Client frontend developed on ActionScript 3 and use deep integration with PHP based server side.

Dating web site together888.com.

2009

Dream 28 SIA, Latvia.

Role: Software developer.

Responsibilities: Video chat, video/audio messages and video profile functionality development and integration to existing system. System performance tuning, AdWords campaign management, RED5 media server configuration.

Skills used: PHP5, MySQL5, Apache2, RED5, commercial 3rd party flash components integration, HTML, CSS, XML, JavaScript, AJAX.

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In the current dating site adds video chat system and other video components - video recording user profile, video and audio messages. The system is based on commercial flash components from flashcoms.com and requires a deep integration into the existing program code. The existing code has been optimized. For the video modules was deployed media server based on red5. Apache and MySQL servers require optimize performance. Low budget AdWords campaign created.

Complex web system for multimedia content management and sales.

2006 – 2008

VelDEX LTD, Gibraltar.

Role: Team leader and software developer.

Responsibilities: Project architecture development and technology research. Commercial applications design, analysis, coding, testing and maintaining. Database design and optimization for huge loaded databases. Full development of Back Office and credit card processing system.

Skills used: PHP5, MySQL5, Apache2, Smarty, VB.NET under MONO Project for Linux, RED5 multimedia server, commercial ready-to-use flash components integration, HTML, CSS, XML, JavaScript, WordPress modules development and integration. Traffic analyze and optimization, heavy loaded servers optimization.

Large multi-purpose project for online sale of multimedia content. It consists of several subsystems: internal content management system, the system automatically update the content, member area to provide content to users, affiliate system, back office with integration to billing systems and fraud protection subsystem, the system of promo tools with integration into back office system and internal traffic and sales statistic for affiliates. For traffic sources sites based on WordPress developed special units to provide promotional materials, rss feeds, count traffic from affiliates. Some components of the system are very huge traffic loaded, which required special measures to optimize the web server and especially careful optimization of the MySQL server and SQL queries. Many 3rd party components and services have been integrated with project. On the server many libraries used for online processing of video and images, convert to different formats and types.

Perform outsourcing for the real estate company – RealtyTrac.com.

2004 - 2005

Diatom Enterprises, Latvia.

Role: Software developer.

Responsibilities: Design, analysis, architecture, coding, testing and maintaining commercial application. Database design.

Skills used: VB.NET, ASP.NET, ADO.NET, MS SQL, MS IIS, HTML, CSS, XML, JavaScript, AJAX, Crystal Reports, MS Reporting Services.

Perform outsourcing for the 2nd largest company in the world in real estate business. Implementation of Combined Ordering, Agent Registration, Resale Unaccepted Leads, Agent Dashboard, Property Details Redesign, enhance administration web site, financial reports development based on Crystal Reports and Microsoft Reporting Services technology. Full life cycle

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for database design – architecture, tables, stored procedures, triggers and etc. Database performance analysis and optimization.

Perform outsourcing for Columbia Telecom.

2004

Diatom Enterprises / GPNW, Canada.

Role: Software developer.

Responsibilities: Huge loaded and massive database architecture design and development.
Reporting software development.

Skills used: VB6, Oracle database.

The project create various type of business and financial reports for interconnect billing in telecommunication company. Support multi user safe architecture. Get data from telecommunication hardware and store it in Oracle database for future report processing. The database is really massive and have up to tens of millions records. The GUI of reporting software is really simple and was realized on Visual Basic 6. All business logic for reporting created in Oracle stored procedures. Structure of stored procedures very complex and require very careful optimization. System designed with finance standards and support billing period, transactional processing, data integrity and etc.

Forex and futures market trading platform.

Prime Finance A/S brokerage company, Latvia.

1999 – 2004

Role: Team leader, software developer.

Responsibilities:

Skills used: VB6, VB.NET, ASP.NET, ADO.NET, MS SQL, MS IIS, HTML, CSS, XML, JavaScript, AJAX, Crystal Reports, PHP, Apache.

Complete internet based trading solution for forex, futures and cfd markets. Include front-office, back-office and risk management subsystems for company front-end and client terminal for client's back-end. Very mixed project with different technologies and subsystems. Include corporate intranet website, public website, client system, in-company front-office and back-office user terminals. Real-time delivery time sensitive information such as stock quotes and financial news. Intelligent order routing system for automated trading and manual trading orders processing. Follow the requirements for financial systems to the reliability of transmission and storage of financial data. Particular attention was paid to the backup data, data integrity, fault-tolerant systems. The system is integrated with various data sources of financial information, payment gateways and external order processing systems.

Financial information distribution system.

1998

Parex Bank A/S, Latvia.

Role: Team leader, software developer.

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Responsibilities: Develop system architecture, tcp/ip network routing architecture, GUI and business logic coding. System deployment and service.

Skills used: VB6, tcp/ip routers, Tenfore financial system API.

System developed for distribution real-time financial information across bank branches and clients. Data was delivered from satellite information system and distributed over TCP/IP protocol. Data delivery has critical delivery time for currency exchange rates and stock market prices.

PREVIOUS JOBS

FX & Money Market specialist.

1996 – 1997

Saules Bank A/S, Latvia.

Bank front-office specialist for forex market and money market operation. Conducting operations in the interbank market, communication with bank customers.

1992 – 1995

FX Market Specialist / Sales.

IFT Network (IFTN), LA, USA, East Europe branch, Latvia.

IFTN was first financial company in East Europe who offer fx trading for private clients. From first day I was a sale of financial products company and responsible person for communication with potential clients, supporting clients in dealing room.

EDUCATION BACKGROUND

Riga Technical University.

1989 – 1993

I finished the five-year university course on the specialty "Radio Engineering Theory". The training provides in-depth study of mathematics, physics and programming "old-style" languages Fortran, Basic, Cobol and Pascal.

TRAVEL AND RELOCATION AVAILABILITY

I'm available for travel and relocation up to 6 month. Has 10 years US visa for business traveling.

PERSONAL DATA

Date of birth is August 7, 1971. Currently live in Riga, Latvia (Europe Union). Married, have a two children's. Native language is Russian.