

# Curriculum Vitae

Perknun Andrii

**Senior Software Developer / Project Manager / Team Lead**



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<b>City of living:</b>	Kryvyi Rih City, Ukraine
<b>Personal data:</b>	Date of birth – 10.09.1981  Married, have a daughter  Inquisitive, honest, responsible, organized, intelligent, communicative
<b>Education:</b> 09.1999 – 06.2004	Kryvyi Rih Technical University, Computer Control Systems and Software Engineering. Received master's degree in Computer Control Systems and Software Engineering.  I studied programing and development of Automated Control Systems here. I started my career as software developer in the beginning of my studying in this university so I substantiated my theoretical knowledge with practical attainments.



	<p>experience. And it is always great to have friend's shoulder in difficult situation :)</p>
<b>Interests:</b>	<p>Family, IT &amp; programming, philosophy, psychology, music, theatre, arts, sport, reading.</p>

## **Other Experiences**

### **Server/client side development using PHP (Zend Framework) and DojoJs**

In 2012-2013 years I was involved in development of Municipal Dispatching System. I was lead developer and system architect of the project. We used Zend Framework on back end and DojoJs on frontend. The system supports connecting of different cities (each with separate domain) and different municipal services. The system has flexible ACL and user control module. More you can read in my portfolio.

### **Database design. SQL programming**

I have much experience on next database systems: Firebird SQL Server, MS SQL Server, PostgreSQL, MySQL. My knowledge are not limited just general SQL. I know these RDBMS servers in deep and able to perform significant optimization of queries, stored procedures and schema of course. Also I have experience of replication of databases and clustering of database servers. There are a lot of project of variable scale and purposes in my practice. Some of them listed in my portfolio.

### **Domain Traffic Marketplace Development**

While developing of one of my previous projects "Domain Name Marketplace" I was faced with task to make the server to processed more than 1500 simultaneous requests for matching AD links. So I used PostgreSQL clustering and RabbitMQ as messaging service. For AD matching I used full text search algorithms in PostgreSQL.

### **Database administration and optimization**

I perform DBA activities and SQL optimization tasks on number of projects (custom and

domestic). There are DB server setup, setting of backing up of the server and the database, periodic analyzing of server log and proactive reaction on it among my duties as DBA. Refactoring and optimization of SQL queries and stored procedures are not the least in my work on all stages of project progress.

### **Team lead, Project Manager, Product Manager**

I have been involved in several successful projects (desktop apps, client-server and multi-tier ERP/CRM systems, web-services, web-sites, mobile apps) as team lead, project manager or product manager since 2004. In my work I adhere to Agile and Lean development principles.

### **GIS development, digitization of maps from paper media, math modeling**

My first experience (3 years in total) as a developer was developing of geo information systems namely mathematical modeling and calculations, and developing of a software to automatization of digitization of maps from paper media for mining industry.