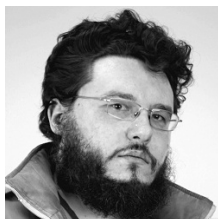# KAMIL RAFIKOV

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address: Russia, planet Earth, Solar system, Milky Way galaxy

Kazan State Technical University, Engineer in Computer Science (5.5 years).
Graduated from high school with a certificate of excellence.

OBJECTIVE

- If you want to give me software design related role, I can say that my experience allows me to design architecture and participate in development of software products with a size of several hundreds components (another numerical metric can be used if this one is unclear for you – for example, such project will take several years of work from single developer). Considering that each complex system may be broken into several subsystems that consist of no more than several hundreds components each, it means that I can design architecture of software product of any size and any complexity.
- If you want to assign me to role that mainly includes coding, I would prefer to change my previous specialization (backend in PHP/C++) slightly and to start working mainly on tasks oriented to end-user and on "bells and whistles". This range of tasks is rather large and includes development of complex frontend controls/elements in UI/UX for web-based and desktop software, mobile development (Android-based or cross-platform), and implementation of short-term requests for logical functionality in backend involving direct communication with end-users.
- However active backend development with technological stacks that are relatively new for me (like Python-based, Ruby-based, and Node.js-based stacks) also would be very interesting.

GENERAL BACKGROUND IN IT BUSINESS

My total experience in IT business includes 8+ years. I started to work in IT companies since 2000th year, and worked part-time and full-time during the latest 14+ years. During all this time I played roles of "technical slave", developer, developer-architect, and manager-architect in companies located in Russia (on-site and remotely), USA (remotely), and Latin America (remotely). Usually I worked in teams with a size from 2 up to 20 persons (including supervising up to 8 developers in the role of manager). The largest projects I participated in took about 1-1.5 years of full-time work (or its equivalent) each from my side only and included up to several hundreds components. I worked on 3-5 such projects.

MAIN TECHNICAL SKILLS USED SINCE 2000th YEAR

Web software development on Linux platform (5+ years): PHP 4.x/5.x, Yii framework (also "touched" several other PHP frameworks); MySQL 4.x/5.x (also "touched" MongoDB); HTML; JavaScript (also "touched" CoffeeScript in Node.js); Apache; AJAX; CSS; Bootstrap; integration with Sphinx and Solr search engines; SVN/Git; jQuery (including development of plug-ins for jQuery), jQueryUI (also "touched" ExtJs); XML, XSLT; IMAP; WHM configuration, WHMCS customization; development of Chrome and Firefox extensions; customization of Joomla (VirtueMart, JCE); development of tinyMCE/ckeditor plug-ins; integration with Paypal, Authorize.Net and other payment gateways.

System software development on Windows platforms (2+ years): C++ (MS Visual Studio 6.0/.NET); MS SQL Server 2000; Active Directory APIs; programming for smart-cards and hardware tokens; Win32 API; multithreading; MFC; CryptoAPI; many other different Windows APIs; CVS; sometimes Java (Swing, JDBC, JNI) and Borland Delphi were used; obtained MCSD.NET certificates in VC#.NET and SQL Server 2000.

Organizational and management-related tools: Jira, Beanstalk, Sphinx-doc, Toggl.

DESCRIPTIONS OF THE LARGEST SOFTWARE DEVELOPMENT PROJECTS

Period: Jun 2011th – Feb 2015th. **Company:** Plexisoft (USA).
Team size: about 10 persons. **My roles:** developer/architect/manager/consultant. **Platform**: Linux (web).

Designed, developed, and managed development process of a business product implemented as SaaS and including CRM/Ecommerce functionality with the following particularities:
- Distributed architecture with frontend/backend implemented as separate applications and a module for integrating software into client's website located on 3rd party's hosting.
- ORM-based business logic layer that almost transparently communicates with MySQL and MongoDB databases.
- ExtJs-based charts rendering. Plugin-based reporting/import/export/localization/etc. Centralized access to all features of backend through plugin-based dashlets. Integration with WHMCS.
- Editable logical schema of data above physical one with autogeneration of model classes on the fly, and automated rendering of forms/views for CRUD operations.

Period: Feb 2004th – Nov 2004th (full-time). **Company:** Center (Russia).
Team size: about 10 persons. **My roles:** developer / senior developer. **Platform**: Windows (server/desktop).

Participated in design and development of 2 mid-size projects with full software development life cycle:
- System for creating and managing a set of virtual disks supporting encryption with use of custom hardware tokens.
- Single sign-on system for managing schedules of access rights to physical and software objects, located in enterprise building and local network. SQL Server, Active Directory, and custom hardware tokens were used for access control management.

Both these systems were integrated with each other. I left the project when deployment of a beta-version started in an office of one potential client.

OTHER PROJECTS

In the periods before, between, and after these 2 projects I mainly worked on non-significant tasks in large corporations and on semi-freelancing part-time positions in web/design studios. So all projects for those periods are not even comparable to the 2 projects listed above.
The only exception is development of CRM software project in Clevertech (USA) company that took about one year exactly before I started to work in Plexisoft.

LANGUAGES

English, Russian – fluent; Spanish, French – conversational; also I learned some Asian and Middle Eastern languages up to conversational level, but now they are mainly forgotten.

TRAVEL EXPERIENCE

20+ countries in Eurasia, Africa, and South America. Including trekking in 4 types of mountains up to the altitude of 4km.

ETHNIC AND CULTURAL ORIGIN FOR THE LATEST 500 YEARS

Ashkenazi, Southern Europe, Middle East, Northern Europe, Eastern Europe, East Asia.

SUMMARY OF MY EXPERIENCE IN IT BUSINESS

Also you may want to read this document that summarizes my experience in IT business:
http://kamil-rafik.com/docs/Basic_Rules_for_Managing_Software_Startups__Kamil_Rafikov.pdf