



# Karmanov Alexander

**26 y/o** (August 8, 1986)

**Male**

**Moscow**, ready to move (St. Petersburg)

Ready for business trips

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## Desired position

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### **Project Manager or Team leader with minimum functions of a developer**

Information technologies, Internet, telecom

- Project Management
- Programming and Development

Full-time

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## Key skills

- 1) Focus on the user
- 2) Understanding business demands and desire to meet them without any damage for the user
- 3) Tendency for "win-win" problem solving
- 4) Ability to take a leading role within the team and set a style of the work.
- 5) Ability to coordinate and guide other developers
- 6) Conducting constructive debates and arguments, involving all the participants in the discussion
- 7) Ability to listen to the interlocutor and take his point of view if it is substantiated
- 8) Desire to establish a common vision of the goals for productive teamwork
- 9) Desire to help others to develop and upgrade their skills
- 10) Desire for constant growth and self-development

### **Brief description of the previous professional experience:**

- 1) Experience of a product development for sale: from the formation of business requirements to product release
- 2) Experience of working in international teams, participation in negotiations (Russia - U.S.A. up to 14

hours of time difference)

- 3) A large number of completed projects of various complexity with different management methods
- 4) Experience of managing a team of mobile developers (training, projects distribution).
- 5) Experience of department development “from the ground up” (people selection, organization of continuous integration infrastructure, development of patterns and solutions)

## 5 years and 8 months of professional experience

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June 2012 — present time (11 months)

**Sberbank Technologies** (Moscow, sbrf.ru) — Information Technologies / System Integration

### Chief engineer

Tactical management and participation in the development of Sberbank internal services as well as a mobile client for “Sberbank Online”

May 2011 — April 2012 (1 year)

**East Bank Technologies** (Novosibirsk, www.eastbanctech.ru/) — Information Technologies / System Integration

### Java programmer

- 1) A series of applications for banking services.

Platforms: Titanium, iOS, Android

In the given project in collaboration with my colleagues I participated in the creation of applications' specifications, designed the API interaction with the server according to analysts' data and management's preferences, took part in interfaces building, and then made a full implementation of the application.

- 2) A backend for game applications using Augmented Reality technology

Platforms: Spring Framework

Project management: Scrum (one of the few successful examples), our team consisted of Novosibirsk and Washington developers (11 hours of time difference)

Tasks: Participation in the development of server-side. The task was to implement new functionalities, bug fixing, various server-side testing, and optimization.

The customer needed to realize an online game for mobile phones for iOS and Android.

- 3) An archetype of USSD service.

Technologies: Spring MVC, EJB 3.0, JMQ.

- 4) A gallery for work with USSD gateway

Technologies: SOAP, java core

January 2010 — March 2011 (1 year 3 months)

**Arelllo-Mobile** (Novosibirsk, arello-mobile.com) — Information Technologies / System Integration

**Leading Java developer**

Direct participation in the development of 16 projects as well as technical leadership in the development of many other applications.

Official duties:

- 1) Projects development for mobile Java platforms: Blackberry, Android, J2ME
- 2) Automatization of applications build.
- 3) Applications integration on Android SDK with Android NDK.
- 4) Complex technical problems solving in all the projects.
- 5) Junior developers and QA department experts training.
- 6) Code review from different sources.

Achievements:

- 1) There was written a simple ORM gallery for Android (Java Annotations, Reflection, SQLite).
- 2) A service for Blackberry was build (SOAP).
- 3) There were written patterns for Java Logging configuration on Android.
- 4) There were mastered applications' profiling systems for Android (including experience with Eclipse Memory Analyzing Tool).
- 5) Experience with OpenGL.
- 6) Some of the components of Android core were re-written.
- 7) Experience with concurrency.
- 8) Experience with large databases within boundary resources.
- 9) Experience with SOAP services on mobile platforms.
- 10) Writing various ANT scripts for parameterized applications build.
- 11) Exploring the opportunities of HotSpot (Sun JVM) within the algorithms of garbage collection and speed optimization.

Key projects:

- 1) Customer's loyalty growth system for English Department of fast-food chain restaurants Subway.  
Platforms: J2ME and Android.

Our customer decided to replace some of his discount cards to virtual ones by developing an application for mobile devices. A card's number is transmitted to the system by QR-code reading.

- 2) A system for Online Pizza Ordering in pizzeria chain Domino Pizza.

Platform: Android

A program for generating customer's orders for pizza delivery. It had a user-friendly interface with the opportunity to order a pizza on both ready-made and made-to-measure recipes. It also included an e-payment system.

- 3) An official program for Irish rugby team Leinster.

Platform: Android

The application for Android Os, which includes team news, line up description, media resources. It is made in the style of team's official colors.

4) An official program for Irish rugby team Munster.

Platform: Android

The application for Android Os, which includes team news, line up description, media resources. It is made in the style of team's official colors.

5) A program for a French radio station.

Platform: Android

A client specially designed for Samsung Galaxy Tablet. Main function — listening to the radio, voting for songs, a directory of artists, media content display, an alarm clock. There has also been implemented a visually vivid and friendly interface.

6) A program for USA real estate agency

Platforms: Android, Blackberry

A gallery-of-houses around big USA cities.

July 2007 — January 2010 (2 years 7 months)

**iNetLab** (Novosibirsk) — Information Technologies / System Integration

**Java developer**

Mobile: Software development for Blackberry smartphones:

A system of interface designing and app's navigation

Technologies: J2ME Blackberry

An internal project for the facilitation of GUI development and complex navigation in the application. GUI and navigation were described using XML based languages.

Tasks: Galleries' full implementation and further technology development with the adaptation for the tasks.

Ringtones managers

Technology: A system of interface designing and app's navigation

Two simple applications for ringtones managing on your Blackberry phone.

Tasks: In one application there has been implemented a built-in client for automatic registration, second application was fully realized.

A program for book reading

Technology: A system of interface designing and app's navigation

The application is a Bible with 15 versions in different languages.

Tasks: Full implementation.

A client for world entertainment facilities database ZAGAT TO GO

Technology: A system of interface designing and app's navigation

ZAGAT TO GO — an application for database search. Includes 5 ways to define the search area, 4 different search modes by 4 categories, institution details display, click-to-call function, an opportunity of route search from a given point, website visiting, and general system for license's purchase or renewal.

Tasks: Full implementation of the project.

J2EE:

CRM system for Sibirtelecom

Technologies: EJB 2.1, JSF, JBoss AS, Bea WebLogic, Oracle DB.

System's pilot version development (implementation of approximately 300 versions of usage (UseCase), basic design and easy navigation and authorization system).

Tasks:

- 1) Templates writing for generation an interface on meta description
- 2) Manual implementation of business logic part.
- 3) Participation in the development of navigation
- 4) Participation in the basic CSS layout
- 5) Implementation of role system and participation in building a security system

Development of CRM system's component of for an advertising agency

Technologies: EJB 3.0, JBoss Seam, JSF 1.2 (Ice Faces), JBoss AS, Servlets, MY SQL, Hibernate persistence, Facelets.

Development of a universal component of companies database search, integrated in general CRM system. The basic system has been written in PHP.

Tasks:

- 1) Development of ORM model
- 2) The implementation and optimization of 5 search queries with 15 parameters in each
- 3) Interface implementation in the style of Web 2.0 (Ice Faces, AJAX)
- 4) Basic page layout and basic CSS
- 5) API development for external access to system's actions
- 6) Binding the components of a security system and the main system

Development of a special social network for health professionals

Technologies: EJB 3.0, JBoss Seam, JSF 1.2 (Ice Faces), JBoss AS, Servlets, MY SQL, Hibernate persistence, Facelets.

Writing a website with the elements of a social network for the exchange of information between health professionals in USA. Main functions: registration, profile editing, search in NPI database, search for medical facilities, sending the information on a patient by fax, preparing files for print. The project also included API for iPhone client.

Tasks:

- 1) Full interface functional implementation
- 2) ORM model development
- 3) Building a security system
- 4) Data import from the external tables with a planar structure
- 5) Technical tying of a class implementing API

J2SE:

An interpreter for algorithms emulation on a quantum computer

Technologies: J2SE

Simple language and interpreter development for algorithms execution using quantum computing.

Tasks: Full implementation of the project.

## Education

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2007    Novosibirsk State University, Novosibirsk  
          Mechanical-Mathematical Faculty, Bachelor Degree

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## Languages

Russian — native

English — reading professional literature