

# Pavel

## PERSONAL:

Date of birth: 27<sup>th</sup> of December 1985

Place of birth: Saint-Petersburg

Citizenship: Russia

Marital status: Married

## OBJECTIVE:

Obtain a position as a developer or team leader at an IT department. Improve professionally and utilize my current experience of mobile application development and Linux/Unix/Mac OS X/iOS platform knowledge.

## SUMMARY:

- 3 years experience Objective-C iPhone/Mac OS developer.
- 2 years experience as JavaScript (JSVM, HTML + AJAX, DOM) developer.
- 1.5 years experience as Java developer.
- 1 year experience as C++ developer (WindowsMobile, Symbian).
- 2 years experience as Web developer based on PHP technology.
- Extensive knowledge of Unix/Linux platform.
- Team leader with 2 years experience.

## COMPUTER SKILLS:

- **Languages:** Objective-C (Mac OS X, iPhone), JavaScript, Java, C/C++, C#, PHP, HTML, XML, XPath, CSS, Perl.
- **Databases:** SQLite, PostgreSQL, MySQL.
- **Operating Systems:** Mac OS X, General Linux and Windows.
- **Utilities:** Ant, Subversion, CVS, SSH, FTP.
- **Software:** Xcode, Apache, Tomcat, MS Office, MS Visual Studio .NET, JetBrains IntelliJ IDEA, Eclipse, Zend Studio Developer.

## PERSONAL EXPERIENCE:

- August 2010 – present
  - Developed a dual-stick shooter game for iPhone.  
This is my personal project that is still in progress.

**Technologies used: Unity iPhone**

- October – December 2008
  - Developed [Divine Office](#) application for iPhone.  
Divine Office is an application that allows user to download and play daily prayers.

**Technologies used: Objective-C, CoreAudio.**

## **JOB EXPERIENCE:**

**SperaSoft** (<http://www.sperasoft.com>)

September 2005 – present

- March 2010 – present
  - Developed [Money iQ](#) application for iPhone – 2 developers

Money iQ is a personal finance software for iPhone that allows to generate nice-looking reports based on users day-to-day expenses/incomes input. It also has budgeting functionality, which helps user to plan how much money he would like to spend on a certain period for some category or account. There are a lot of different features, so you may test it - [Money iQ lite](#) is free for download.

I'm working as a lead developer on this project. Started it from scratch. Designed application architecture and database.

**Technologies used: Objective-C, SQLite.**

- February 2007 – August 2010
  - Worked as a team leader in the [hiplogic's Spark](#) project – 7 developers from a SperaSoft side.

Spark is an opensource javascript framework that allows user to run javascript applications on different mobile platforms (Symbian, WindowsMobile, Android). Ideology is quite close to J2ME, but language for applications developers is javascript.

- Developed various javascript applications, based on Spark technology. All communications with server were handled asynchronously, using AJAX technology.
- Took part in Symbian port development. Ported it to UIQ.
- Developed from scratch WindowsMobile port of Spark.
- Helped with Android port set up and development.
- Developed from scratch Javadoc-like documentation generation tool for javascript code, based on regular expressions.
- Developed Java-based simulator frontend (for C++-based backend - it was written by a member of my team).

**Technologies used: Java (J2SE), Regular Expressions, C++, JavaScript, AJAX, Ant.**

- February – September 2008
  - Created Java testing framework based on a Selenium testing library for a billing portal. Developed tests utilizing created framework.

Main challenge in this task, besides framework creation, was parallel running of created tests on different machines and browsers. I created an Ant script, which solved this task (remote ant was used to run ant script on a remote server).

**Technologies used: Java, Selenium, Ant, Maven.**

- September 2006 – March 2007
  - Developed Objective-C dynamic library that provides interface for communication between two applications through Skype protocol. While Skype is running, it allows applications to send data by its protocol.

**Technologies used: Objective-C**

- March – September 2006
  - Developed Objective-C daemon (Mac OS). This application provides access to AddressBook application via HTTP protocol. Daemon allows user to get a list of contacts, add/delete/update contacts to user's AddressBook.
- September 2005 – March 2006
  - Expertise Linux platform and created various Shell/Perl scripts.
  - Designed PostgreSQL databases with PL/SQL scripts to manage provided data.
  - Worked with JUnit, Log4J libraries/tools.

#### **1ADW (<http://www.1adw.com>)**

September 2004 – August 2005

- Developed PHP based web portals.
- Expertise Linux platform and created various Shell/Perl scripts.
- Designed PostgreSQL databases with PL/SQL scripts to manage provided data.
- Involved into Education web application development and creation of publication processing engine.

#### **YumaSoft (<http://www.yumasoft.com>)**

February 2004 – August 2004

- Worked with MySQL and PostgreSQL data provider.
- Created application for parsing invoices, mapping and outputting as XML files.

#### **Kenjitsu Software**

June 2003 – September 2003

- Designed web applications with ActionScript (Macromedia Flash) support.
- Developed web client for Virtual Handbook Man Office. Included XML requests and intercommunication with Central Server, making rates and update account information.

#### **EDUCATION:**

- **2002 – 2006, ITMO**  
Saint-Petersburg University of Information Technologies, Mechanics and Optics  
Computer Technologies Department
- **1998 – 2002, PML 239**  
Physical and Mathematics Lycée №239
- **1992 – 1998, State Secondary School №10**

#### **LANGUAGE:**

English, Russian (native)