

## **Common**

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Languages: Russian (native), English (intermediate).

GitHub: <https://github.com/shir>

## **Education**

2000 – 2007г. Kazan State Technical University.

Specialty: Computers, complexes, systems and networks.

## **Additional**

Certificate: programmer of 1C: Trade and Warehouse.

Attended a course: "IBM Content Manager Implementation v.8".

Attended a course: "Oracle Database 10g: Real Application Clusters". Certificate #20080736344.

## **Employment History**

### **03/2011 - now**

Metastudio. <https://metastudiohq.com/>

Job title: CTO

Tasks: Development, architecture, management.

### **05/2009 - 03/2011**

Flatsoft LTD. <http://flatsoft.com/>

Job title: Web-developer, Team leader.

Tasks: Development

### **04/2005 – 05/2009**

Center company group. <http://www.cg.ru/>.

Job title: Developer, Senior developer, Project leader, Team leader

Tasks: Development, create architecture, management.

### **10/2004 – 04/2005**

Stalker company group.

Job title: Administrator.

Tasks: Computers support.

**08/2001 – 08/2003**

Informservice LTD.

Job title : Administrator, 1C Developer.

Tasks: 1C integration. Network and servers support.

## **Skills**

<b>OS</b>	<b>Experience</b>
MS Windows 3.11, 95, 98, 2000, XP, 2003	10 years
Linux (RedHat, Debian, AltLinux и т.д.)	9 years
Solaris 8, 9	1 year
Mac OS X	9 year
<b>Programming Languages</b>	
C/C++ (Windows/Linux)	5 year
Java	4 years
SQL	15 years
Oracle PL/SQL	4 years
PHP	1 year
Perl	1 year
Assembler	1 year
Pascal, Delphi	2 year
Ruby	10 years
Objective C	4 years
JavaScript	5 years
<b>DBMS</b>	
MySQL 4, 5	6 years
Oracle 8.1, 9.0, 10, 11	4 years

PostgreSQL	6 years
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## Projects

### [NDA protected project]

Description: Web application to automate business processes for employees from many offices and customer relationships, task tracking, billing and working with emails. With integration with Quickbooks (for billing), Zendesk (support subsystem) and Sendgrid (email subsystem)

Duration: 3 years (2015-2018)

Role: Architect, Developer

Team: 2 developers

Tasks: Create, architecture, main development, partly management

Tools: Ruby on Rails, Twitter Bootstrap, JavaScript, Postgres, S3, RSpec, Zendesk, Sendgrid, QuickBooks, Git, Trello

### Forge

Description: Web and desktop (using Electron) application to automate time tracking and time management processes.

Duration: 6 months (2017-2018)

Team: 1 developer

Role: Architect, Developer

Tasks: Create architecture, main development, deploy configuration, partly management

Tools: Ruby on Rails, React, Redux, Redux-Saga, React-Bootstrap, Electron, Postgres, RSpec, REST API, Git, Trello

### [NDA protected project]

Description: Web application for one company with many offices and technicians that allow to automate their business processes with Quickbooks Desktop integration

Duration: 0.5 year (2017)

Team: 3 developers

Role: Developer

Tasks: Main development

Tools: Ruby on Rails, Twitter Bootstrap, Postgres, React, RSpec.

### [NDA protected project]

Description: Web-application for teachers and parents to quickly organize and share events, tasks, group chats.

Duration: 1 year (2014-2015)

Team: 3 developers

Role: Developer

Tasks: Main development

Tools: Ruby on Rails, Twitter Bootstrap, RSpec, MySQL, Trello

### PicYou

Description: Web, iPhone and Android application for photo sharing with filters support

URL: <http://picyou.com>

Duration: 3 years (2011-2015)

Team: 3 members

Role: Web-developer, iOS-developer, Architect

Tasks: Create architecture, main development

Tools: Ruby on Rails, Objective C, C, HTML, CSS, Javascript, JSON, OAuth, MySQL, Redis, ImageMagick, Xcode, Git, Basecamp, Pivotal Tracker, Trello, Linux, MacOS X.

## **Bod-E**

Description: Web and iPhone application for wealth loss

URL: <http://vemmabode.com>

Duration: 3 years (2012-2015)

Team: 5 members

Role: Web-developer, iOS-developer, Architect

Tasks: Create architecture, main development, partly management

Tools: Ruby on Rails, Objective C, HTML, CSS, Javascript, JSON, OAuth, MySQL, Xcode, Git, Basecamp, Pivotal Tracker, Linux, MacOS X.

## **[NDA protected project]**

Description: Several small iPhone applications

Duration: 5 months (2012)

Team: 2 members.

Role: Developer

Tasks: Main development.

Tools: XCode, Objective C, Pivotal Tracker.

## **[NDA protected project]**

Description: Web application to connect artists with customers

Durations: 3 months (2010)

Team: 4 members.

Role: Developer

Tasks: Main development, PayPal integration.

Tools: Ruby on Rails, Vim, Linux, HTML, CSS, JavaScript, Pivotal Tracker.

## **Workpapers**

Description: Audit management system.

Duration: 1 year (2010-2011).

Team: 1 member.

Role: Developer.

Tasks: Main development.

Tools: Ruby on Rails, Vim, Linux, HTML, CSS, JavaScript, Pivotal Tracker.

## **[NDA protected project]**

Description: Web-game engines for social networks integrated in Facebook and Myspace.

Durations: 2 years (2009-2011).

Team: 6 members.

Role: Developer, Team leader.

Tasks: Create architecture, main development.

Tools: Ruby on Rails, Pivotal Tracker, NetBeans 6.7, Vim, Linux, Facebook, MySpace, HTML, CSS, JavaScript.

## **ZAGS**

Description: Workflow automation for registry office.

Duration: 2 years. (2008-2009)

Team: 10 members.

Role: Architect, Developer, Team leader and Manager.

Tasks: Create architecture, management, testing, development.

Tools: Jira; Java 1.5-1.6; Oracle 9.0.1, 11g (RAC); JBuilder 2006; XML; DocBook.

## **DRM**

Description: Library for integration DRM in players.

Duration: 3 months. (2008)

Team: 4 members.

Role: Architect, programmer, team leader and manager.

Tasks: Create architecture, main development, integration in MPlayer and Media Player Classic..

Tools: Jira; Microsoft Visual C++ 2005; Windows CryptoAPI; OpenSSL; WinHTTP; Cygwin;

MPlayer; Media Player Classic; Subversion; Linux; XML; Makefile.

## **UniMedia**

Description: Web application for providing DRM protected content.

Duration: 6 months. (2008)

Role: Architect, Developer, Team leader and Project manager.

Team: 7 человек.

Tasks: Management, planning, create architecture, support development, integration, documentation writing

Tools: Jira; Microsoft Project 2003; PHP 5.0; Linux; Microsoft Visual C++ 2005; DocBook;

MySQL; rsync; OpenSSL; Apache 2.0.

## **Security projects.**

Description: Several small projects for security

Duration: 5 months. (2008)

Role: Project manager.

Team: 2 members.

Tasks: Management.

Tools: Jira; Microsoft Project 2003; Microsoft Visual C++ 2005; Windows CryptoAPI.

## **Fraudprotect**

Description: Service for card fraud protection.

Duration: 4 months (2007)

Team: 2 members.

Role: Architect and programmer.

Tasks: Development from scratch, integration

Tools: Linux (Debian, CentOS); Apache web-server 2; Tomcat 4.3; Mysql 5.0; Java 1.4 (JDBC); NetBeans 5.0; XML.

## **TatNIPINeft**

Description: Application for automation workflow of Institute.

Duration: 3 months. (2006)

Team: 3 members.

Role: Architect and programmer.

Tasks: Develop library to connect with OpenWorks.

Tools: Solaris 8.1; Oracle 8.1.6; Java 1.4 (JDBC); Sun C++; Openworks 2003; XDR; Makefile; Vim; JBuilder X.

## **AIS IOK**

Description: Token and keys management system.

Duration: 4 months. (2006)

Team: 5 members.

Role: Architect and programmer.

Tasks: continue development

Tools: Windows XP; Oracle 10g; Java 1.5; JBuilder X; XML; Alladin eToken; Keon; CryptoPro 2.0.

## **JFU**

Description: Framework for Java-applications.

Durations: 4 years. (2005-2009)

Team: 7 members.

Role: Architect and programmer.

Tasks: Label security integration, Main development, support.

Tools: Jira; Java 1.5; Oracle 9.2; RLS; Security Labels; JBuilder X.

## **BTI**

Description: Workflow automation for BTI.

Duration: 1,5 years. (2006-2009)

Team: 6 members.

Role: Architect, programmer, team leader and manager.

Tasks: Main development, create architecture, tasks management, testing, integration.

Tools: Jira; Java 1.6; Oracle 9.0.1, 11g (RAC); JBuilder 2006; XML.

## **TatNIPINeft**

Description: Application for automation workflow of Institute.

Duration: 3 months. (2005-2006)

Team: 3 members.

Role: Architect and programmer.

Tasks: Develop library to connect with OpenWorks.

Tools: Solaris 8.1; Oracle 8.1.6; Java 1.4 (JDBC); Sun C++; Openworks 2003; XDR; Makefile; Vim; JBuilder X.

## **Crypto Virtual System**

Description: System for working with crypted virtual disks.

Durations: 3 months (2005)

Team: 2 members.

Role: Programmer

Tasks: Support

Tools: MS Windows 2000, MS Windows XP; MS Visual C++ 2003.