

# Alexander Safonov

me@asafonov.org

Hi! My name is Alexander Safonov and I am a programmer currently living in Russia. In my CS related life I am interested in web development (Javascript, PHP, Python, Rich Internet Applications), mobile devices programming, information security and computer-geek culture

╰\_(ツ)\_╯

## Summary of skills

- **Web Development:** Developing highload web applications and portal solutions for Russian and foreign companies and banks using Python, Golang, PHP, JavaScript.
- **Java EE:** Developing Enterprise Java Beans and web pages for bank software using Sun Glassfish, BEA Weblogic server, JSP, JMS, XML, XPath. Developing back-office system for RFID solutions.
- **TIBCO BusinessWorks, BEA Weblogic:** Developing integration adapters for bank software (Back office adapter, Siebel adapter, TripleA adapter, Murex adapter). Taking part in CDF design.
- **Application Development:** Developing points of sales of cashier, waiter using Delphi, Visual C++ (Windows development), C++/Qt (Linux development). Developing mobile point of sales for Pocket PC using C#.
- **System Development:** Developing drivers of trading equipment using C, Delphi, ActiveX, COM.

# Education

## Postgraduate student

- Tver State University
- March 2006 - 2009
- Mathematical faculty / Mathematical modeling

## Masters degree, Bachelor degree

- Tver State University
- September 2000 - February 2006
- Mathematical faculty / Computer security

## Diploma

- Tver Machinebuilding college
- September 1997 - June 2001
- Jurisprudence

# Experience

November 2015 - Present

Independent remote developer | European based software development and consulting company | Germany

Developing highload Real Time Bidding advertisement applications, smart data aggregations and reporting. Developing applications for Ad Fraud detections and corresponding alerting and reporting system. Developing data mining methods and applications. Code reviews, tests, code coverage reports

**Key skills:** Python, Golang, PHP, Javascript, Selenium, NoSQL (MongoDB, Redis) and SQL (MySQL) databases.

June 2007 - Present

Web and application developer | Self Employed | Any place in the world

Developing open source software:

- [Sunrise Digital Audio Workstation](#) – author
- [Signal muon](#) (Desktop [Signal](#) application based on Electron) - occasional contributor
- [Monly](#) - mobile budget planner – author
- [Spass](#) - Smart Password manager – author
- [Tangerine CMS](#) – author

Developing software for different customers:

- Engine for searching images by content for e-commerce startup
- Social network for Direct Selling company
- Content Management System for web studio
- Web service for searching guides and excursions for Travelling agency
- many others

**Key skills:** PHP, Python, Javascript, Nodejs and Electron, SQL (PostgreSQL, Oracle, mysql) and NoSQL (MongoDB, Redis) databases.

October 2013 - November 2015

Lead developer | gdeetotdom.ru | Moscow, Russia

www.gdeetotdom.ru is a one of lead real estate portals in Moscow and St. Petersburg as well making top 10 of the largest portals in Russia.

Developing new portal services and support for the old ones. Analytical work with the business requirements, creating technical task, code reviews, tasks estimation.

**Key skills:** PHP, Javascript, Angular.js, node.js, Python, Django

September 2010 - April 2012

Analyst programmer | Accenture | Tver, Russia

Accenture is a global management consulting, technology services and outsourcing company.

Analyze and developing bank software, Enterprise Application Integration and Data Migration for Russian and foreign banks. Technical desing preparation and validation. Managing the group of developers, data quality, estimation for the tasks and issues. Taking part in analyzing and design stages.

**Key skills:** Informatica PowerCenter, TIBCO BusinessWorks, BEA WebLogic, Python, Java EE, Glassfish, XML, XPath, SQL (Informix, Oracle), triggers, stored procedures.

August 2008 - August 2010

Senior programmer | Accenture | Tver, Russia

Accenture is a global management consulting, technology services and outsourcing company.

Developing bank software, Enterprise Application Integration for the major Russian bank. Managing the group of developers, estimation for the tasks and issues. Taking part in analyzing and design stages.

**Key skills:** TIBCO BusinessWorks, BEA WebLogic, Java EE, Glassfish, XML, XPath, SQL (Informix, Oracle), triggers, stored procedures.

June 2006 - August 2008

Web Developer | TverInformProduct | Tver, Russia

TverInformProduct is a partner of RBCSoft, the leading company in web and software development in Russia.

Developing content management system RBCContents, web project for Russian and foreign clients. Take a part in developing ERP RBC Report as a lead programmer. Managing the group of developers. Communications between manager and developers.

**Key skills:** PHP, Javascript, Ajax, Perl, SQL(Mysql, Oracle), Linux and web sever administration.

October 2005 - March 2006

Programmer | FSUE Ergocenter | Tver, Russia

FSUE Ergocenter is a Tver center of ergonomical researches and development.

Developing web application for governmental organizations, providing database access by web interface, managing the group of PHP developers.

**Key skills:** PHP, SQL(PostgreSQL), Linux and web server administration.

June 2004 - September 2005

Programmer | Computer-cash systems | Tver, Russia

Computer-cash systems is a Russian IT company. The main activity of the company is system integration in the automation of enterprises, shops, restaurants, fast-foods networks, as well as hotels and resorts.

Developing point of sales of cashier, waiter. Developing drivers of trading equipment. Developing mobile points of sales for PocketPC on Windows Mobile. Support of the products.

**Key skills:** Delphi, Visual C++ (Windows development), Qt (Linux development), C# (Windows Mobile development).