Ilya Zverev

Programmer and OpenStreetMap enthusiast

Personal Details

Full Name: Ilya Andreevich Zverev.

Nationality: Estonia and Russia.

Born in Pskov, Russia on 12th of September, 1982.

Married, has a daughter.

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Skills

- Extensive programming experience with many languages, including Perl, PHP, Python, Java, JavaScript, C/C++.
- Extensive OpenStreetMap experience: mapping, organizing meet-ups and conferences, working with Mapnik, Maperitive, TileMill, mod_tile, JOSM, PostGIS, QGIS, mobile applications and web services.
- Experience in using and administering Linux: Arch, Ubuntu, Fedora, CentOS.
- Inventing new ways of interacting with software and other people.
- Developing software infrastructures spanning from desktop applications to web services, database structures and mobile applications.
- PR and blogging, presenting ideas and services at conferences.
- Supporting and sustaining services: not one of my web sites and projects, opened as early as 2009, have been closed or left unmanaged.
- Knowledge in open licenses and open data.
- Organization and management of events and people, leadership qualities.
- Russian and English language.
- Driving license.

Profile

I have been a programmer since school: won all regional contests and ranked high enough to be offered an education in Saint-Petersburg University of Information Technologies, Mechanics and Optics. You might know that university by its results in ACM-ICPC contests — we were all trained for those. Since 2002 I've been working in various IT companies as a

programmer. First C++ and PHP, now my primary language is Java. Being a programmer, I don't restrict myself to a single language, but choose my tools according to a task.

In 2010 I joined OpenStreetMap project and became immediately fascinated with it. My involvement started as a plain mapper, but quickly took on organizational tasks. In half a year I organized the first country-wide mapping party, and couple of months later started a Russian OSM news blog, http://shtosm.ru, which is still alive and surpassed 1000 well-written entries, ranging from a simple news items to long analytical pieces. Last three years I apply my programming and UI designing skills, having created more than 20 web applications, some JOSM editor plugins and tools for processing and showing the geodata.

My current job deals with developing and integrating modules for corporate internet portal based on Liferay. Considering gained experience in GIS and OpenStreetMap, I'm looking for a new job, which would allow applying those skills for a company's benefit. Preferably in Europe, I'm willing to relocate.

Education

MS in Mathematics, ITMO, Saint-Petersburg   2003—2005

BA in Mathematics, ITMO, Saint-Petersburg   1999—2003

Professional Career

ANT-Inform

September 2008 - Present

Senior Developer, responsible for Web Portal Application. My task is extending Liferay portal with various services and portlet applications for issue management, document workflow, advanced security etc. Also I'm responsible for web design and general user inteface and for developing tools for interaction between customers and our company divisions.

Technologies: Java SE and EE, Apache Tomcat, Liferay Portal, Servlet and Portlet API, JBPM workflows, SSL, digital signatures.

Institute for Networking Technology

September 2003 – September 2008

Developer, responsible for the appication framework. We did large applications for Russian military, a logging company and a clinic. I was in charge of developing base infrastructure and overlooking project development direction.

Technologies: Java SE, Spring, Hibernate, Tapestry (web framework), Oracle DBMS

OpenStreetMap Work

As a programmer, I occasionaly write tools and services for OSM. Most of them are not as technically complex (with a notable exception of Relation Toolbox) as conceptually challenging, in line of "why nobody haven't thought of this useful thing before?". My programming abilities allow to jump from planning and prototyping right into developing and releasing.

Most of my projects are published at https://github.com/zverik and in OpenStreetMap SVN. There is a list of my web apps at http://osmz.ru. Some big projects are described (in Russian) in http://habrahabr.ru/post/207232/ и http://habrahabr.ru/post/229911/.