

Dmitry Grigoriev

Email: mail@dimgel.ru, dimgel@mail.ru

Objective

Senior Software Developer in Scala / Java / PHP / fullstack web, or **Middle Software Developer** in C++. Remote fulltime job only.

Skills

Over 15 years of commercial experience. Pro in refactoring & optimizations. Know how to provide for future enhancements without complicating the system. That is, know how to create and maintain complex programs without turning them into slow buggy spaghetti.

Languages:

- **Java** – 3+ years, including Java 8 streams (also heavily used Java API with Scala).
- **Scala** – 5+ years mostly non-commercial, including metaprogramming.
- **C++** – 3+ years in distant past; about 1.5 years of non-commercial Linux system programming in modern C++ .
- **PHP** – 7+ years.
- **HTML / XML / JS / CSS** – 10+ years, cross-browser markup and programming.

Platforms and frameworks:

- **Java** – Servlet API, Tomcat, Embedded Jetty, Spring, Hibernate / JPA2, QueryDSL, Maven (incl. plugin creation), JUnit, Selenium; a bit of Apache CXF, Netty; in distant past used Ant, Swing, J2EE (JBoss AS) and tried Wicket, Tapestry.
- **Scala** – Squeryl, Sbt, Scalatest; mostly used capabilities of language itself, Java ecosystem, and my own infrastructure which heavily relied on macros (high performance lightweight ORM, sharding, DB migrations, web, validators, etc.); in distant past tried actors, Akka 1.0, Slick, Lift 1.0.
- **C++** – Linux API incl. sockets & multithreading, a little of Qt5; in distant past used Windows API (incl. DCOM and a bit of DirectX), C++Builder.
- **PHP** – Symfony + Doctrine (although there are much more lightweight and effective solutions), PHPUnit; in distant past used Zend, Propel.
- **web** – REST, jQuery, JSON, AJAX; in distant past used XSLT / XPath 1.0, Angular 1, Yii 2.

Databases:

- **PostgreSQL** – 4+ years, including query optimizations, stored procedures.
- **MySQL** – 7+ years.
- **MongoDB, Redis** – used a bit.

Operating Systems:

- **Gentoo Linux** – 7+ years, at home and on my dedicated server.
- **MS Windows** – 10+ years, currently at home under VirtualBox to test sites in different browsers.
- **CentOS, Ubuntu** – 0.5 years.

Miscellaneous:

- **VCS**: Git, Mercurial; in the past used Subversion.
- TCP / IPv4, sockets (have created both socket clients and socket servers).
- Have read few books on design and usability to evaluate designers' work.

Application areas:

- Web sites and web services full-stack turnkey (frontend, backend, server-side & client-side programming, markup) for realtors, online shops, social networks, etc.
- Accounting, document flow, HYIP, tourism.
- Few months of programming trade bots with MetaTrader5 (C++-like language).
- In distant past worked on system software for NC machines & industrial control.

Foreign Languages

English – Basic Knowledge. Can read & write tech docs, a little talking experience.

Code & Documentation Samples

My library of Scala parameter validators: [code @ github](#), [English & Russian docs](#).

Professional Experience

Deeds of distant past are not included. Not-so-distant past is roughly recalled.

Contacts for recommendations are in Russian version only because they don't speak English.

Since April 2017 – Working on my own business project (closed-source, see [README @ github](#)).

Technologies: C++, Linux, sockets, multithreading.

July 2016 – March 2017 – Software Developer @ uts24.ru (tour aggregator & search soft).

Technologies: PHP5, PostgreSQL, HTML+JS+CSS.

September 2015 – May 2016 – Working on my own project; studying modern C++ & Qt5.

Technologies: Scala, Macro Paradise, PostgreSQL; C++, Qt5, xcb, libfcgi++.

January – August 2015 – flexis.ru. Senior Software Developer, Tech Lead. Was refactoring/rewriting server-side of [iDecide ARM 1.5.5](#) document flow control system: fixing architecture, zeroing memory requirements, adding failsafe-clustering support. Speedup was 86 times. Was going according to schedule but project was freezed since all clients were gone.

Technologies: Java, QueryDSL, Spring MVC, Apache CXF, PostgreSQL, JSON.

2014 – Working on my own project.

Technologies: Scala, Macro Paradise, Atomikos JTA, PostgreSQL, embedded Jetty.

Autumn-Winter 2013 – Software Developer @ lightsoft.ru (tour manager working place).

Technologies: Spring MVC, Hibernate, HTML+JS+CSS, AngularJS 1.0.

2011-2012 – Worked outside IT, programmed in Scala for practice.

2009-2010 – Software Developer @ lightsoft.ru (tour manager working place).

Technologies: PHP5, PostgreSQL, HTML+JS+CSS.

2008 – Senior Software Developer & Tech Lead @ sotmarket.ru (online shop).

Technologies: PHP, MySQL, HTML, XML, JS, CSS, WebMoney & other online payment systems.

2006 – Software Developer @ AYGMedia (boss Victor Ayon). Turnkey PHP/HTML sites (single-handed); server-side for Flash sites, auxiliary utils for Flash coders. Social network, HYIP, online shops, etc.

Technologies: PHP4, MySQL4, Flash 8, HTML, XML, JS, CSS, eGold и eBullion (online payment systems with WebMoney-like API).

2001-2009 – Freelance (with gaps for two fulltime jobs): turnkey sites together with designer. Online shops, realtor sites, forums, etc.

Technologies: PHP, J2EE + Hibernate, Spring + Hibernate, Java Swing (for offline client), Scala, Flash, PostgreSQL, MySQL, HTML+JS+CSS, Flash, Flex, XML, XSLT.