Andrew Proshkin CV [remote working only]

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LinkedIn	https://www.linkedin.com/in/scalajavadev
GitHub	https://github.com/zx80live
Education	Penza state university, faculty of Computer Science, 1997 – 2002

working time expectation: 4-7 hours a day
salary expectation: 2000 USD

About

* 10 years experience in programming
* I find long-term difficult projects to be particularly interesting

I can: - develop complex systems
 - read and understand legacy code, optimize it and perform refactoring

The principles that I prefer to follow in programming:
 - a reliable code equals a simple code (Unix way, KISS)
 - keep up with the latest technologies and trends in programming
 - pick up good ideas from other programming languages and methodologies

The books I've read lately:
 Java 8 Lambdas. Richard Warburton. O'Relly 2014.
 Play for Scala. Peter Hilton. Manning Publications 2014.
 Scala in Action, Nilanjan Raychaudhuri. Manning Publications 2013.
 Scala design patterns. John Hunt. Springer International   Publishing Switzerland 2013.

Common skills

Languages that I'm highly experienced in working with:
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Scala, Java, Javascript, Regex
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Languages that I'm familiar with:
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Common Lisp, Clojure, Goovy, Haskell, C++, C, Assembler x86
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English: taking an intermediate course at the moment **German**: beginner
Methodologies: OOP, functional programming, generative programming, continuous integration,
 lean software development, Scrum, TDD, REST, Reactive design patterns
Math concepts: graph theory, automata theory, lambda calculus
SCM: Git (prefer http://nvie.com/files/Git-branching-model.pdf), Subversion
IDE, Tools: Intellij IDEA, Eclipse (JEE, Scala-IDE), Netbeans, Ant, Maven, SBT (0.13.x)
Planning: JIRA, Unfuddle, AgileZen, YouTrack
CI: Hudson, Cruise control
OS: Linux (OpenSuse, Mint, Ubuntu)
other: nginx (load balancing), Tomcat clustering
Database: PostgreSQL, H2, MySQL, Firebird, HSQLDB,Redis
Big Data: I've got some experience in working with MongoDB which I used in messenger in
“social network” project (http://charlaremos.com). Also, I developed a specialized database (based
on files and NIO) to work with big data which has the following features: searching, filtering,
sorting (based on two-phase merge sort algorithm)

Frontend

languages: Javascript, HTML5, CSS3, LESS, ScalaScript
frameworks: Jquery, JQueryUI, Prototype, Isogenic engine, AngularJS, Bootstrap3
 tools: Grunt, JsLint

Backend - Scala stack (experience 1,5 year)

language level: 2.11.x
language concepts: collections, pattern matching, implicits, FP-features (immutable, combinators, currying, partial, lambdas, tail recursion), type variance, string interpolators, structural types, futures, scala-reflections
web: Playframework (2.x), Xitrum, Spray.io, Web-sockets
database: Slick 2.1 (prefferable), Casbah (MongoDB), ScalikeJDBC, Squeryl, Anorm
concurrent: Akka, Futures
testing: scalatest, scalacheck, spec
tools: SBT (manage dependencies, user-tasks, publishing to repositories), Scala-REPL

Backend - Java stack (experience 10 years)

language level: Java 7, 8
API: collections, NIO, concurrency, reflection, dynamic proxy, in-memory compilation, etc
frameworks, libs, specs: Springframework (3.x / 4.x): IOC, Security, MVC, transactions, JSR-303 etc.; Playframework (Java), Hibernate (core, HQL, search), Lucene, Quartz, Apache commons, WS, Akka, Jackson, ehcache, Liferay
additional languages: XML, JSPX, JSON, YAML
testing: JUnit, Unitils (transactional testing infrastructure, data sets), TestNG, Spring-test
tools: JProfiler, Maven3, Ant, Liquibase
app-servers: Tomcat, GlassFish, Jetty

Last non-commercial projects:

https://github.com/zx80live/mod-fast-cards - Linux console flash-cards

https://github.com/zx80live/com.zx80.mod.english.remote
  description: Remote API for Longman/Lingvo Dictionary, Yandex translator
  skills: Scala Futures
  stack: scala 2.11, spray-json, net.databinder.dispatch, org.jsoup

https://github.com/zx80live/com.zx80live.mod.siteextractor - **Simple site parser API**
  skills: Scala Futures, Scala regex, Akka
https://github.com/zx80live/crazy-eights-game - **Crazy Eights Game**
  skills: Actors, implicits, String interpotaions, recursion, functional combinators
https://github.com/zx80live/leverage-expertise
  description: subprojects – Slick-extensions, Simple-security, Play-Security, Fixtures
  skills: Slick, scala reflection, tests, lambdas, complex slick-joins
 https://github.com/slick/slick/issues/999 - **find and contribute bug in slick project**

Last commercial projects:

2009 – 2013, Fernando systems. Social network http://charlaremos.com:
  Design and development (back-end and front-end): architecture, core API and modules, database model; task planning; testing infrastructure; continuous integration;
  Stack: Springframework (MVC, security, IOC, transactions, etc), Hibernate, Hibernate search
  Frontend: jQuery, Bootstrap, Prototype, GWT
2013, Fernando systems. Race game front-end http://ageofclones.com:
  Pig race game front-end based on isometric engine
  Frontend: jQuery, pure OOP/Functional Javascript, Isogenic engine, physic modeling, HTML5
2007 – 2008, HeadHunter:Penza. Project http://livehh.ru - worked in team
  Java stack: Springframework (MVC, WebFlow, Security), Hibernate
  In addition: Tomcat clustering
2008, HeadHunter:Penza, Project http://career.ru - worked in team,   **Java stack**: Liferay portal