

# Yuriy Badalyants

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| Oct 2016<br>present  | <b>2gis. Senior → Lead Software Engineer.</b><br>The main product of the 2gis is online maps.<br>I have worked in 2 teams:<br>1. Casino. Ads + big data team.<br>Mostly worked on a HTTP backend for serving personalized ads. Also I created a kafka-to-hdfs connector with the exactly-once delivery semantic using akka-streams. Occasionally worked with a spark.<br>Techs: Akka, Kafka, Spark, Hadoop.<br>2. Market (since Nov 2018). New team about showing products (goods) on the map.<br>Participated in an architecture design of a whole new project from the start. Did a massive impact on a system in general, as well as designed and implemented a few crucial components.<br>The system was designed as a group of microservices, which are mostly streaming services based on Kafka. Some of them were built with the kafka-streams. But most of the scala services were written in a purely functional manner using Typelevel libraries: cats, cats-effect (with the tagless-final), fs2, fs2-kafka, doobie, etc.<br>Also, I used RabbitMQ, PostgreSQL, RocksDB, and ElasticSearch for different tasks.<br>Eventually, I had become a lead developer: partially team management (resource planning, product planning, project management), hiring, mentoring (including internal scala courses). |
| Jun 2015<br>Oct 2016 | <b>Datamonsters (formerly Flexis, iDecide). Software Engineer.</b><br>Participated in a few projects. Mostly worked on a mobile messenger. It was a full-stack scala development: scala on the backend, scala.js (through cordova) on the frontend.<br>Techs: Scala, Scala.js, Cordova, Akka, Play, RethinkDB   |
| Oct 2014<br>Jun 2015 | <b>Xored Software Inc. Software Engineer.</b><br>Worked on the Cisco XMP Topology: it's a network topology visualization project.<br>Backend: Java, Spring, Hibernate. Frontend: JavaScript, Dojo, TomSawyer, mxGraph.  |
| Apr 2013<br>Sep 2014 | <b>PinPay express. Developer → Team Lead.</b><br>Worked on 2 projects (~50/50):<br>1. JavaScript-based (webkit) GUI of the ATM (which was mostly a C++ Qt project).<br>2. Java EE processing backend. Techs: Java, Spring, Hibernate, OracleDB.<br>At some point I became a team leader: project management, architecture, mentoring. I introduced a continuous integration pipeline (using Jenkins), moved from the SVN to git, massively improved documentation processes.  |
| Apr 2013<br>Jul 2013 | <b>Diasoft. Java developer.</b><br>Java fintech: Java EE, SOAP, OracleDB, MsSQL, DB2, Sybase.   |
| Feb 2012<br>Mar 2013 | <b>Saitostroy.Web-developer</b><br>Small web-studio: LAMP stack, HTML, JavaScript.  |
| <b>Education:</b>    | <b>NSTU</b> ; Radio Engineering and Electronics; Telecommunications; Bachelor.  |
| <b>About me:</b>     | Open-source contributor. Co-maintainer of testcontainers-scala and fs2-kafka libraries. Also contributed to cats, monix, kafka and some others.<br>Co-host of the scala podcast <a href="#">scalalaz</a> (in Russian).<br>Speaker (all in Russian): <a href="#">Intro to Scala.js</a> ; <a href="#">Scala.js: When TypeScript is not enough</a> ; <a href="#">Metaprogramming in Scala</a> ; <a href="#">Integration testing of microservices with Scala</a> ; <a href="#">Pure FP: why and how</a> ; <a href="#">Production-ready functional programming</a> .<br><br>I'm looking for a senior software engineer position, preferably in a product company.  |