

# Yuriy Badalyants

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Oct 2016 present	<b>2gis. Middle → Senior → Lead Scala developer.</b> The main product of the 2gis is online maps. I have worked in 2 teams: 1. Casino. Ads + big data team. 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. Techs: Akka, Kafka, Spark, Hadoop. 2. Market (since Nov 2018). New team about showing products (goods) on the map. 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. 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. Also, I used RabbitMQ, PostgreSQL, RocksDB, and Elasticsearch for different tasks. Eventually, I had become a lead developer: partially team management (resource planning, product planning, project management), hiring, mentoring (including internal scala courses).
Jun 2015 Oct 2016	<b>Datamonsters (formerly Flexis, iDecide). Scala developer.</b> 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. Techs: Scala, Scala.js, Cordova, Akka, Play, RethinkDB
Oct 2014 Jun 2015	<b>Xored Software Inc. Software Engineer.</b> Worked on the Cisco XMP Topology: it's a network topology visualization project. Backend: Java, Spring, Hibernate. Frontend: JavaScript, Dojo, TomSawyer, mxGraph.
Apr 2013 Sep 2014	<b>PinPay express. Developer → Team Lead.</b> Worked on 2 projects (~50/50): 1. JavaScript-based (webkit) GUI of the ATM (which was mostly a C++ Qt project). 2. Java EE processing backend. Techs: Java, Spring, Hibernate, OracleDB. 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 Jul 2013	<b>Diasoft. Java developer.</b> Java fintech: Java EE, SOAP, OracleDB, MsSQL, DB2, Sybase.
Feb 2012 Mar 2013	<b>Saitostroy.Web-developer</b> 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. Co-host of the scala podcast <a href="#">scalalaz</a> (in Russian). 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> .  I'm looking for a senior scala position, preferably in a product company.