



Sergey Tolmachev

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Work experience

Blum (Tbilisi, Georgia - Remote) blum.io May 2024 - Aug 2025
Analytics Lead, Product Manager Of Crypto Wallet Big Data, Crypto, Fintech

Combined 3 roles: programmer-analyst, analytics team lead, and crypto wallet product manager.
As analytics lead: built a company-wide analytics system from scratch (Trino, Metabase, Bots → later Databricks, Tableau), **reducing data requests response time for 95M+ users from up to 30 days to a few minutes**, enabling self-service analytics for most employees.

As wallet PM: developed non-custodial wallet concept, sourced and evaluated partners and smart-contract developers, aligned product vision with business, and organized integration of partner solutions into the app.

Waves Tech (Moscow, Russia) waves.tech Oct 2016 — Mar 2021
Scala Backend Developer, Research Development Lead Backend, Crypto, Fintech

Lead the launch of a blockchain network with \$3B+ capitalization (at Sept 2021).

Started as backend developer for core product (Public Blockchain Node), grew through R&D to self-managing and leading projects. Generated ideas for new blockchain features, services, and integrations; built prototypes; gathered requirements and created project docs; formed and led small project teams; aligned goals and deliverables with stakeholders.

XPost (Moscow, Russia) Feb 2016 — Sep 2016
Scala Backend Developer Backend, Fintech

Development and support of back-office platform for trading (**100+ Scala microservices**).

Data-Centric Alliance (Moscow, Russia) Feb 2015 — Feb 2016
Scala Backend Developer Backend, RTB, Big Data

Facetz.DCA team. Development and maintenance of **high-loaded web services (tens of thousands of requests per second)**, **real-time systems** and MapReduce tasks to analyze user profiles to select relevant advertisements. Entire Cloudera stack experience

AppCraft Lab (Ryazan, Russia) appcraft.pro Feb 2014 — Mar 2015
Android/NodeJS/Python Mobile/Backend Developer Mobile, Backend

Mobile SDK and Android applications development

Lunch It There - Android app development
(Scala)

Jeapie API - Android SDK development (Java)

Greenlamp - backend support (Python)

Meta Morphoss - Android app development
(Scala, LibGDX)

NEONAVIGATION (Moscow, Russia - Remote)

Scala Backend Developer

Nov 2014 — Feb 2015

Backend, Entertainment

Development the server side of web applications for exhibition visitors

iAGE.net (Ryazan, Russia)

NodeJS Backend Developer

Dec 2013 — Feb 2014

Backend, RTB, Big Data

DB research for big data tasks: testing nosql solutions for big data storage and low delay operations

Aspect Systems (Ryazan, Russia)

Java/Scala Backend Developer

Dec 2012 — Nov 2013

aspect-systems.ru

Backend

Development of a large-scale inventory system at the level of cities and related items.

Creating a responsive user interface with Vaadin, creating SOAP and REST web services, creating authentication and authorization mechanism with dynamic roles

Qualifications

Functional Programming Principles in Scala - Coursera R Programming - Coursera

The Data Scientist's Toolbox - Coursera

Practical Machine Learning - Coursera

Principles of Reactive Programming - Coursera

Parallel programming - Coursera

Build robots and other devices on the Arduino - Coursera Product owner - Binary District

Golang intensive - Binary District

Reverse engineering - OTUS

Public speaking - Internal Course in Waves platform

As a lector, I have held over 20 lectures and workshops at major universities, festivals and corporate events on Blockchain technology. I lectured more that 5 full-time courses and corporate events on Scala development in Binary District. Also I was the host of several hackathons.

I have accepted pull requests for large open source projects (Waves platform, rsync, IntelliJ IDEA, Teeworlds, etc). I finished more than a 5 years of work with a personal psychotherapist.

Education

Specialist, Computer Software Engineering

Sep 2009 — Jul 2014

Ryazan State Radiotechnical University (former Academy)

EPAM Systems - Java Developer - Trainee

Sep 2011 — Oct 2012

I gained invaluable experience in the development at enterprise Java (JAXP, Servlets, JMS, etc), SQL, SVN and other common technologies.

Interests

Technologies, electronic music production, generative art exhibitions, hiking, movies, psychology, entrepreneurship, swimming, surfing, diving, tourism, motorbike, investment, pc gaming, gaming ai contests