

Elena Nikolaeva

Senior Software Developer & Team Leader

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- 9+ years of professional experience in software development.
- Enterprise software, web development, Android.
- Project management, prioritization, business analysis, translating from customer language to technical and back, problem solving.
- 2 years of team leading, 7+ of mentoring junior developers.
- System design. Algorithms. A/B testing.
- C# (WPF, ASP.NET WebApi), Java (Android), Perl.
- Relational databases (MySQL, Microsoft SQL Server), NoSQL (ElasticSearch, Neo4J).

Software Developer & Team Leader at Booking.com

Dec 2015 — Present

- Led the team of 7 people: developers, designers, data scientists.
- Designed and implemented a Geo-service (data storage and API), allowing us to scale the data quickly, and developers across the company to use it easily.
- Optimized conversion and customer experience: ran several hundreds of [A/B tests](#).
- Built the process of data collection together with our Geo Content department.
- Conference speaker: [Geodata and A/B testing at Booking.com](#).
- Java, Perl, MySQL.

WordCloud Android App

2016 — Present

- An Android app for creating word clouds. [1 000 000 users](#).
- Implemented lots of optimizations for speeding up algorithms executed on device.
- Android, Java.
- Python, Django, uWSGI webserver validating in-app purchases.

Senior Software Developer at 2GIS

Feb 2012 — Dec 2015

- Architectural design and development of a [scalable enterprise GIS-solution](#) from scratch. Most interesting:
 - Developed a complex vector geometry editor: drawing, rotating, T-square, point snapping, topological operations, etc.
 - Designed and developed a distributed vector tile cache with automatic geometry generalization, reducing data size from several megabytes to several hundred kilobytes per user per second without visual change.
 - Designed and developed a comprehensive set of data validations, client- and server-side.
- Communicated with customers, gathered requirements, performed business analysis.
- Mentored junior team members, onboarded new developers.
- Covered 100% of critical and complex scenarios with unit-tests.
- C#, WPF, MS SQL Server, ASP.NET Web API, ElasticSearch, Neo4J, MS Test, NUnit, RhinoMocks.

Software Developer at 2GIS

Jan 2009 — Jan 2012

- Implemented multi-language data support, allowing the company to open branches in several countries.
 - Designed and implemented custom UI, speeding up users' work 2.5 times.
 - Led the team of 4 developers. Mentored junior team members.
 - C++, STL, Boost, Firebird.
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Education

Siberian State University of Telecommunications and Information Sciences.
Master's Degree in Computer Software Engineering.