

# DMITRY DORONIN

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## PRIMARY SKILLS

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9 years of professional software development, proficient in Scala, TypeScript, Rust, Python, C#.

Hands on experience with:

- front-end libraries and frameworks: React, RxJS, Vue, Backbone, AngularJS;
- back-end libraries and frameworks: Akka, NodeJS Express, Python Flask, .Net stack;
- big data processing, data pipelines: Spark, Hadoop, Airflow;
- databases: MongoDB, MsSQL, PostgreSQL.

Author of Reactive Hooks library for React: <https://github.com/reonomy/reactive-hooks>

Technical blogs on Medium: <https://medium.com/@dmitrydoronin>

## WORK EXPERIENCE

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**Software Engineer, Reonomy**, <http://reonomy.com>

Feb 2019 till now

*Front-End Tech Lead, Back-End Engineer, Data Engineer*

- Boosted front-end web stack from AngularJS and server-side rendering to React 16, RxJS, TypeScript. This work was featured in the article "The Road to React: Building the Reactive Hooks Library". <https://www.reonomy.com/blog/post/reactive-hooks>
- Initiated data jobs development shift toward compile-time checks, Scala Type System, Functional Programming, Spark Dataset API and GraphX.
- Contributed critical parts of the data knowledge graph.
- Introduced monitoring tools based on Grafana and automated data validation steps.
- Improved data pipeline automation with airflow.
- Developed REST endpoints in Python Flask.

Tech stack: Scala, Spark, Python, Flask, React, TypeScript, RxJS, Airflow, Elastic Search, PostgreSQL.

**Lead Software Engineer, EPAM Systems**, <http://www.epam.com>

Nov 2018 - Feb 2019

*Contractor at Scripps Networks Interactive / Front-End Tech Lead*

- Led web application front-end development for Food Network.
- Developed automated deployment scripts as Vue CLI 3 Plugins.

Demo: <https://www.foodnetwork.com/meal-match>

Tech stack: Vue, NodeJS, Ruby, Java, AWS.

**Lead Software Engineer, EPAM Systems**, <http://www.epam.com>

Jan 2016 - Oct 2019

*Contractor at Goldman Sachs / Full-Stack Developer*

- May 2018 - Oct 2019, Marquee, Trading and risk-management platform FE development.
- Jan 2016 - Mar 2019, SIMON, Structured products investment platform SIMON.
- Developed key back-end endpoints with Scala and Akka Actors.
- Worked on redesign and development of front-end.

Tech stack: Scala, Akka Actors, MongoDB, Backbone, React, TypeScript, MobX.

**Lead Software Engineer, EPAM Systems, <http://www.epam.com>** Aug 2014 - Dec 2015  
*Contractor at Thomson Reuters / Team Lead, Key Front-End Developer*

- Led a team of 4 software developers and 2 QAs.
- Projects: Portfolio Dashboard, Fundamentals, Aggregate Report and Grid Report.

Tech stack: JavaScript, AngularJS, LESS, NodeJS, Gulp, Bower, ASP .NET Web API 2, Silverlight

**Senior Software Engineer, EPAM Systems, <http://www.epam.com>** Sep 2011 - Jul 2014  
*Contractor at Telligent / Full-Stack Key Developer*

- Community Server/Telligent CMS core development.
- Worked on addons for Telligent CMS integration with Ms SharePoint.

Tech stack: ASP .Net WebForms, WinForms, Ms.SQL, NUnit, Telligent Scripted APIs, JavaScript, JQuery, HTML5, CSS3, LESS, Telligent glow.js, SharePoint WebParts, .Net/JavaScript CSOM, OWS Timer Jobs, asmx web services, Windows Services, REST Services, SAML, OAuth, Zimbra Remote Widget Studio.

**Software Engineer, EPAM Systems, <http://www.epam.com>** Jun 2011 - Aug 2011  
*Full-Stack Developer*

- WPF desktop application for EPAM business analysts.
- C#, .Net WPF, Microsoft Office Interop, OpenXML

## EDUCATION

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**N.G. Chernyshevsky Saratov State University, <https://www.sgu.ru/en>** 2005 - 2010

Master's degree in Physics.

Author of publications in physics, mathematics and computer science:

- <https://ieeexplore.ieee.org/document/5632593/>
- <https://ieeexplore.ieee.org/document/5632591/>
- [https://www.researchgate.net/scientific-contributions/2013742207\\_D\\_M\\_Doronin](https://www.researchgate.net/scientific-contributions/2013742207_D_M_Doronin)
- <https://elibrary.ru/item.asp?id=15117920>