DMITRY DORONIN

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FRONT-END TECH LEAD / SCALA + AKKA + SPARK / RUST

9 years of professional software development, proficient in Scala, TypeScripts, 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 frameworks and tools: 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

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 Grafana based monitoring tools, 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

· Leaded web application front-end development for Food Network.
· Developed automated deployment scripts (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.
· Jan 2016 - Apr 2019, SIMON, Structured products investment platform.
· Participated in architecture discussions, implemented critical parts.
· Developed key REST endpoints available outside of the GS perimeter.

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

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

· Leaded a team of 4 software developers and 2 QAs.
· Developed Eikon Apps: Portfolio Dashboard, Fundamentals, Aggregate Report and Grid Report.
· Key contributor to the proprietary virtualized grid library.
· Successfully accomplished performance tuning for intensive calculations on FE with Web Workers.
· Responsible for sprint planning, tasks assignments, progress tracking and delivery.

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

· Participated in the core features development of the community CMS platform "Community Server".
· Developed integration with MsSharePoint via Telligent extensions and Scripted Widgets.

Tech stack: ASP .Net, WinForms, WCF, NUnit, Windows Services, MsSQL, proprietary Telligent Scripted API and Scripted Widgets, ES5, JQuery, HTML5, CSS3, LESS.

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

· Internal platform development.

Tech stack: C#, .Net WPF, WCF, MsSQL.

EDUCATION

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://elibrary.ru/item.asp?id=15117920`