

DENIS KHRANOVSKIY

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SUMMARY

I'm a software engineer with 10 years of experience with .NET platform in a creating commercial components for business application developers in a global product company. I have been working on Rich Text Editor and Spreadsheet product. Developed several web projects such as company sales platform, file conversion service, sales analytics dashboards.

I'm familiar with various languages, tools, paradigms such as OOP, functional programming, and TDD. At the same time, I always try to find the best solution and choose the necessary instrument for a specific task. By knowing several ecosystems (.NET, Node.js, JavaScript), I can find the best solution.

Interests: [crdt](#) [user interface](#) [distributed systems](#) [node.js](#) [functional-programming](#) [haskell](#)
[cloud computing](#) [software performance](#) [realtime collaboration](#) [developer experience](#) [api design](#)

WORK EXPERIENCE

NOV 2017–SEP 2018
(11 months)

Full stack Software Engineer at DevExpress (Infrastructure Team)

[c#](#) [.net](#) [soa](#) [asp.net mvc](#) [ms sql server](#) [security](#) [powershell](#) [rabbitmq](#)

Maintained company CRM that integrates with site online shop, manages licenses, orders, resellers, subscriptions, payments, email newsletters, product releases, HRM

In a short period, I figured out projects written on different technologies and could quickly start to bring value.

Optimized costs for \$680000 in corporate Google AdWords.

Found a security problem that allows anyone to see all-time sales data.

Prepared company infrastructure and services for GDPR compliance.

Speed up release pipeline (TeamCity CI) with E2E testing from 120 to 50 minutes, which increased the productivity of the team and simplified deployment.

Member of the on-call rotation.

JAN 2017–APR 2017
(4 months)

Senior Software Engineer at DevExpress (Cloud file conversion service)

[ms azure](#) [asp.net mvc](#) [javascript](#) [ux prototype](#) [google-analytics](#) [html](#) [css](#)

An office document formats converter service, hosted in Azure Cloud Service VM. It uses DevExpress office file api library, written in .Net 4.6.

APR 2016–AUG 2016
(4 months)

Node.js Developer at DevExpress (Analytics Team), Russia

[node.js](#) [mongodb](#) [docker](#) [aws](#) [react.js](#) [javascript](#) [kinesis firehose](#)

Part time project of building Analytics dashboard and Streaming data pipeline using Amazon Kinesis, reSolve lib for backend (Event Sourcing, CQRS, DDD).

Implemented a customer retention chart using React.js/Redux.

Added OpenID connect authentication.

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MAY 2012–NOV 2017
(5 years, 6 months)

Senior Software Engineer at DevExpress (Spreadsheet Team), Russia

c# .net algorithms data structures performance design patterns excel

Developed a Spreadsheet component from the first lines of code and actively participated in product decisions and analytics.

Developed a high performance and full-functional API to work with spreadsheet.

Coached a team to work with Git and introduced code review practice.

Compared the product with competitors in many aspects: features, reliability, and performance.

Improved performance of frequently used operations and fixed many memory leaks.

Implemented one of high-impact features Cut, Copy and Paste Operations and created 20 000 tests.

Mentored 4 new members of the team.

AUG 2009–MAY 2012
(2 years, 9 months)

Software Engineer at DevExpress (RichEdit Team), Russia

c# ms word api component wpf winforms xml docx doc rtf html

Actively participated in 8 releases of Rich Text Editor component.

Implemented support of OpenDocument (.odt) and WordprocessingML file formats.

Added support for tables and numbered lists to import, export from HTML format.

Created a Style Gallery in Ribbon menu for wpf version of RichEdit.

Developed a tool for regression testing that drastically increase reliability.

PROGRAMMING PROFICIENCY

LANGUAGES: C# (proficient), JavaScript (ES6) (proficient), Scala, Haskell (learning), Dart, Rust (planning)

PATTERNS: OOP, FP, ES/CQRS, DDD, TDD

LIBRARIES: .Net, asp.net core, NestJS (learning)

WEB PROG: HTML, CSS, React.js, Webpack, accessibility and web performance

DATABASES: MS SQL Server

TOOLS: Git, Visual Studio, npm, dotTrace, dotMemory, Docker, TeamCity

SKILLS AND ACCOMPLISHMENTS

LANGUAGES: English, Russian

SPECIALIZATIONS

COURSES: Functional Programming Principles in Scala | Coursera

Learning How to Learn | Coursera