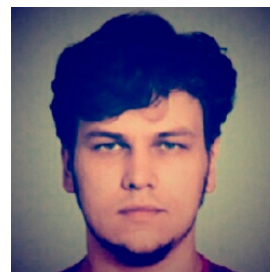



Roman Kuznetsov




lead developer &
solution architect

+ CONTACT

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Email  roman@kuznero.com

Nationality Russian

Date of birth July 21, 1982

Gender Male

+ EXPERIENCES

2018-present

New "Payments" project, scope of responsibilities is still to be defined.

lead developer &
solution architect
at Danske Bank
Denmark

2015-2017

Migrating of old mainframe logic into modern platform based on:

lead developer &
solution architect
at Danske Bank
Denmark

- micro-services architecture around messaging middleware (RabbitMQ)
- continuous integration/delivery setup with using [Go CD](#), ThroughtWorks
- x-plat development (Linux/Windows) in CLR/MONO/.NET Core
- containerization of all the services with Docker Swarm orchestration
- monitoring solutions
- centralized logging with Elasticsearch
- fully isolated end-to-end testing/development environments with NixOS

Advocating for polyglot development (Haskell, F#, C#, Go, Elm).

Leading the board of architects around building best practices and tools to be recommended to the rest of the organisation.

Leading Brown Bag Launches as an organizer as well as most frequent participant on subjects related to containerization of enterprise applications, choosing appropriate tools for different jobs (advocating for functional languages).

Mentoring graduate students.

Conducting technical interview for technical positions.

Founded "Danske IT" chess club with over 40 members @chess.com

2013-2015

Design and development of the new Market Risk client platform for monitoring risks (WPF with Web API RESTful back-end and SQL Server database). Establishing SOLID and TDD principles in the team. Motivating to create "Show & Tell" sessions for sharing interesting professional subjects across the organization (C#, WebAPI, SQL Server).

senior developer
at Danske Bank
Denmark

2010-2013

Design, coordination and development of key components in algorithmic orders project. Mentoring role and guiding developers, performing reviews (C#).

senior developer &
solution architect
at Saxo Bank
Denmark

<p><u>2007-2010</u> developer at Saxo Bank Denmark</p>	<p>Just moved to Copenhagen and settled down (2007, October).</p> <p>Continue working with Front End Client team: support for new asset classes in trading platforms (Web Trader 2, Mobile Trader 2) such as Forex Spot, Forex Forward, CFD, Forex Vanilla Options (C#, SQL Server, WCF).</p> <p>Have been successfully involved in cross department development cooperation.</p> <p>After official release of Front End Client project moved to Open Order Monitory 4.0 team and took care of incidents and small enhancements as well as of performance optimizations (C#, WCF).</p> <p>Significantly improved communication and language skills.</p>
<p><u>2006-2007</u> developer at Saxo Soft Russia</p>	<p><i>Cooperated closely with Danish customer, Saxo Bank.</i></p> <p>Continue in Help System project - context aware help system integrated with all trading platforms (C#, SQL Server).</p> <p>Work on Black Box project - automated trading strategy processor (C#).</p> <p>Started working with Front Office projects: Front End layer for trading platforms (new Web Trader project, Saxo Trader), Core Trading Business Logic layer (C#).</p> <p>Improved communication and language skills.</p>
<p><u>2006-2006</u> developer at Reksoft Russia</p>	<p>Joined Help System project - context aware help system integrated with all trading platforms (C#, SQL Server).</p> <p>Close cooperation with customers - gathering and challenging requirements.</p> <p>Improved communication and language skills.</p>
<p><u>2003-2006</u> developer at PMASC Russia</p>	<p><i>Petrozavodsk Metso Automation Systems Center</i></p> <p><i>Cooperates closely with Finnish customer, Metso Automation Oy</i></p> <p>Database design, development and maintenance (SQL Server).</p> <p>Design of distributed reporting project (DNAMESReport, VB.Net).</p> <p>Design, implementation and support of web-based client for DNAMESReport (VB.Net).</p> <p>Managing small team of developers as a lead developer.</p>
<p><u>2002-2003</u> web-developer at InterSO Russia</p>	<p><i>Specializes in web-sites development</i></p> <p>Learn internal content management system written in Perl.</p> <p>Join a few simple projects for developing informational web-sites for local customers.</p>
<p><u>2001-2002</u> developer at "Marcial Waters" resort Russia</p>	<p>Learn about tourism information area.</p> <p>Optimization of work of different departments.</p> <p>Setting up, tuning and supporting network and office infrastructure.</p> <p>Software development in sales department (C++).</p> <p>Working straight with the customer, requirements, design specification, deployment and support.</p>
<p><u>2001-2001</u> junior developer at Reparing Factory Russia</p>	<p>Learn about warehousing and selling information area.</p> <p>Optimization of work of different departments.</p> <p>Setting up, tuning and supporting network and office infrastructure.</p> <p>Software development in sales department (Java).</p> <p>Working straight with the customer, requirements, design specification, deployment and support.</p>
<p><u>1999-2000</u> web-developer at Studio "Web-Design" Russia</p>	<p>Web-site development with own content management system (Perl).</p> <p>Tuning and administrating Linux based servers.</p>

+ EDUCATION

2004-2006 **Graduated M.A. in Computer Science**

Petrozavodsk State University

Department of Mathematics

- Optimization problems
- Teaching activities
- 1999-2004, Petrozavodsk State University

1999-2004 **Graduated B.A. in Computer Science**

Petrozavodsk State University

Department of Mathematics

- Olympiad programming
- Theory of solving inventive problems
- Teaching activities

+ LANGUAGES

Mother tongue **Russian**

Foreign languages **English**

(as a first foreign language, very good - both written and spoken)

Danish

(as a second foreign language, intermediate).

+ IT PROFESSIONAL SKILLS

Operating systems **Windows, Linux (NixOS, Debian-based, CentOS)**

System development **Haskell, F#, C#, Go, Java, Elm, Bash, PowerShell, T-SQL**

Technologies **RabbitMQ, NoSQL, ELK stack, Icinga 2, Docker, Mono, .Net Core, CAP Theorem**

Source Control Systems **GIT, TFSSC, TFSGIT**

+ PROFESSIONAL HIGHLIGHTS

High sociability and intellectual curiosity.

I love to take initiatives for new interesting ways of development and techniques.

Strong experience in parallel/concurrent server-side development.

Building decoupled, distributed solutions based on messaging middleware and containerization.

Open source projects [GitHub](#).

+ OTHER SKILLS AND HOBBIES

Playing chess, managing "Danske IT" club at [chess.com](#)

Evangelist of functional approaches in programming as well as functional programming languages (Haskell, F#, etc.)