Denis Khranovskiy

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Summary

Backend engineer. I'm focused on a GO stack and worked on .NET/Node.js projects before. I am interested in designing services with DDD approach, clean architecture, updating legacy projects, migrating monolith to microservices, constructing data pipelines (ETL).

Curious for modern distributed systems and enjoy learning more about the challenges of consistency a global scale.

I'm happy to help people and talk about technology. As a team leader, I strive to make a comfortable atmosphere in a team.

I can work with a distributed team, and prefer a remote work with an asynchronous communication.

I have experience working in a global product company. I can provide references from previous jobs.

Work Experience

Feb 2020–May 2021
(1 year, 5 months)

Team lead - Backend at **Itoolabs** (Services Team)

go mongoDB postgreSQL kafka clickhouse docker linux grpc redis

Telecommunications. Product is highly scalable communication cluster. Billions of calls, 70 million mobile unique numbers serviced per year.

Led 2 teams of 5 people, grew the team from 2 to 10 a year.
Maintained 10+ services and led development of two projects (call history and billing services).
Mentored junior/middle developers, made an onboarding guide.
Bring 1:1 meetings to a team.
Created a golang service template for future services.

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.

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 Created 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.
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	GO, C#, JavaScript, SQL.
DataBases	PostgreSQL, MongoDB, Clickhouse.
Methodologies	Agile (Scrum, Kanban), Shape Up, Scaled Agile Framework.
Good Practices	Code Review, Testing, Linting.
Architecture	Microservices.
Process	Jira, Confluence, Planning pocker.
Other	Kafka, Git, Docker, Regexp.
CI/CD	Gitlab, Teamcity.
Performance	for .net: dotTrace dotMemory.

Interests

Interests	Engineering management.
	Practice english to pass TOEFL test.
	Next langs: Elixir/Erlang, Closure, ReScript, Haskell.
	Earn AWS/GCP certificate in a cloud tech.
Hobbies	Meditation, hikiking, cycling, cats.
	Tech podcasts.

Skills and Accomplishments

Languages	English (Intermediate), Russian (Native).
Courses	Functional Programming Principles in Scala | Coursera.
	Learning How to Learn | Coursera.
Master-classes	CI/CD for frontend-engineer | javascript.ninja.
	GraphQL for frontend-engineer | javascript.ninja.
	Unit-testing JS | javascript.ninja.
Meetups	Podlodka backend crew (2021) | podlodka.io/crew.
	Podlodka team lead crew (2020) | podlodka.io/crew.