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 **Hands-on development:** around 20 years of experience. Built anything from MVPs to complex apps for thousands of even millions of users. Improved, modernised existing apps, can find and implement an optimal solution. Web, mobile, and TV. Full-stack, AWS, browsers, React, React Native, front-end, non-web environments.

 **Lead, mentor, coach, build teams:** track record of building and leading teams, hiring top talent. Foster a culture of collaboration. Help teammates to grow.

 **Strong communion skills:** able to analyse and explain complex topics in eli5 style. Connect stakeholders with developers. Translate technical language into casual and back.

 **Connect business with development:** Focus on results. Convert high-level business requirements and technical constraints into a transparent work stream. Use tailor-made subsets of scrum/kanban and other agile methodologies. Strive for feedback and adopt team roadmap and priorities accordingly.

 **Techniques:** Advocate for functional programming, but work with any paradigm. Strive for simple maintainable code, DX, constant improvement, best practices.

 **Languages:** English – Professional Working, Russian – Native, Typescript, a little bit of Rust and Golang.

EXPERIENCE

DAZN

Staff Software Engineer

Sep 2021 – Oct 2023

Amsterdam, North Holland, Netherlands

The project is a foundation for the entire app's front end, orchestrating a variety of its parts (micro-frontends)

- **Led a platform transformation:** architectural improvements, cross-team communication, kept an eye on code standards.
- **Mentored and helped developers** with the current stack, shared domain knowledge, and made pair programming sessions.
- **Helped to streamline the team's workflow.** Roadmap updates, the person of contact for all external parties, introduced regular ceremonies to simplify the processes.
- **Improved DX to drastically increase team's performance:** migration of the codebase to Typescript, improved CI/CD workflows and End-to-End tests, introduced tools like nx, yarn workspaces, internal scripts, etc.
- **Built a new version of API** to be used by all FE engineers in the company
- **Maintained the edge routing service** which is the first hit point for the DAZN app, and numerous scripts for DX.
- **Hired a few team members.**

Achievements:

- Multiplied the velocity of the team.
- Some of the changes helped *other teams* to significantly increase their velocity.
- Reduced the number of blockers to almost zero, which increased developers' satisfaction and focus on quality.
- Led the performance improvement initiative. Reduced time to interaction up to 30%, which increased users' retention rate.
- Learnt our impact during past incidents and adjusted the system behavior to prevent them in future.

 Tools:

- Typescript (JS), AWS, Terraform

Skills: Web Applications · Project Planning · Process Automation · Team Management

Senior Software Engineer

Apr 2019 - Sep 2021

Amsterdam, North Holland, Netherlands

I was developing an authentication part for living room devices (TV, gaming consoles).

FE part: A variety of devices, from rare and low-tier to high-end.

Including FireTV, AndroidTV, PS, Xbox, Samsung Tizen, and many more.

BE part: second screen service – sign users in on TV using more convenient methods of authentication like desktop or mobile.

 Tools:

- React, Mobx, Cordova

Skills: Web Development · Web Applications · Process Automation

Skillplace

Co-Founder

Oct 2020 - Oct 2021

Worldwide

Led a team in the development of a mobile app and online courses platform for social network influencers using React Native

Explanation video (in Russian): <https://www.youtube.com/watch?v=qoNyXZ7GIEg>

When I joined, the app was buried under the tech debt, there were no workflow routines in place yet.

I have introduced project tracking, and daily routines for the team and led the development process of the app.

In a few months, the development process was much more transparent, the app was rewritten, became significantly more stable, had more features, and was **ready to be used by the wide public**.

 Tools:

- React Native, Typescript, Notion, Figma, OpenAPI

Skills: IT Management · Project Management · Project Planning · Team Management

Quiqup

Lead Front-end Developer

Jun 2018 - Mar 2019

Amsterdam, North Holland, Netherlands

Implementation and support of internal tools: the admin panel, and courier app.

- Technical leadership, mentoring
- Codebase improvements, including migrations from older frameworks.
- Project-wide technical decision making
- Solving performance and maintenance issues

 Tools:

- Leaflet (geospatial data), Angular => React, GraphQL, WebSockets/REST, Elixir

Skills: Process Automation · Team Management

Dolfin Group

Head of Front-end




Oct 2015 - May 2018

Amsterdam, North Holland, Netherlands

I led a Front-End engineering department. A point of contact between business and engineering. In charge of making the optimal technical decisions. Hands-on development of a fresh new fintech web application.

We were building the app from the ground up, so it was expected to be solid, maintainable, and flexible to adapt to ever-changing requirements.

Typical tasks:

-  Analysis and process of business requirements: convert business requirements to useful backlog and clear tasks
-  Daily routines: agile approach with regular status update meetings, retros, etc
-  Maintenance: keeping a low level of tech debt, maintainability, up-to-date business logic

- 🛠 Technologies and frameworks choices: together with the team we decided to use the following stack: React, Redux, redux, jest/enzyme, glamorous, storybook.
- 🤖 Increase automation: introduce CI/CD tools, code generation, and a few in-house tools, like the extensible CLI app.
- ✈ Led an implementation of new tools. One example – the in-house PDF generation tool
 - Raw HTML as an input – highly flexible and simple to use custom documents.
 - First implementation with phantom.js, headless chrome later.
- 🤝 Hiring new engineers

Skills: Web Development · IT Management · Project Management · Project Planning · Team Management

Yandex

Software engineer

May 2014 - Aug 2015

Moscow, Russian Federation

Development of an add-on for Firefox: Yandex.Elements

- I've written CommonJS implementation (not Jetpack) that can use gre, jetpack SDK, npm modules, and custom aliases to use old internal API that is written in an old fashioned way.
- Code is written as common modules that work identically in node.js and in Firefox.
- For example, npm module: dcodeIO/Protobuf.js is used as is, w/o any modifications.
- Introduced XMPP protocol within the extension to communicate with the server.

🔧 Tools:

- Firefox extension API, XMPP protocol, Protobuf

Skills: Process Automation

User interface engineer

Feb 2013 - May 2014

Moscow, Russian Federation

I was developing client side of JS engine for context ads (similar to AdSense).

- Used to work with browsers environment (IE 7+) on partner sites with unpredictable styles/layout.
- SVG/VML/CSS3, graceful degradation.

- PhantomJS, node.js: automated screenshot regressional testing.
- I've refactored engine, made it more modular with less code.
- A/B testing, Incremental deploy: used to work with statistics to be sure code works better than previous state.

Rambler

Software engineer (Maps API)

Feb 2012 - Feb 2013

Moscow, Russian Federation

I developed Rambler Maps Javascript API.

- Built a modular system with loading submodules on-demand.
- Built a NodeJS service for modules distribution: dependency tree parser + a bundler of required modules with its dependencies.
- Clusterisation module: it could handle up to 10000 markers on one map in Internet Explorer with no lags, much more in modern browsers (up to 1000000 in chrome). Grid-based algorithm.
- Internal API to work with geo coordinates
- Introduced grunt/custom node.js tools for development.

DirectBox

IT Head

Aug 2011 - May 2012

Moscow, Russian Federation

Established technical processes of the company.

Managed programmers, recruiting.

Hands-on client-side development.

Achievements:

- Within less than 1 year, we've built a solid solution:
- Website and platform to make a purchases from abroad,
- Order tracking system
- Admin panel for backstage workers

 Tools:

- Ruby on Rails, PostgreSQL, AWS, Vagrant

Astrostar

Head of engineering

Sep 2010 - Jun 2011

Moscow, Russian Federation

Management of IT dept.

- Strategical planning
- Staff management: hiring interviews; task accomplishment control
- Control/purchasing hardware
- Weekly reports for investors

Front-end (client-side) developer

Nov 2005 - Sep 2010

Moscow, Russian Federation

Architected the application. All front-end, heavy influenced by communication with backend.

Achievements:

- Created a client-side engine for affiliate network
 - personal horoscopes for partners page.
Full-sized interactive html page.
- Created an API to interact with the engine:
 - events tracking (the actions of the client, server responses, etc.)
 - internal system with caching plugins
 - useful utilities
- wrote crossdomain transport using window.name post transport. No open-source implementation existed at that time.

Redmark

Jack-of-all-trades developer

2003 - Jan 2006

Moscow, Russian Federation

All sorts of front-end development. HTML/CSS mostly, JS for some interactivity.