

Nate Kurochkin

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Seasoned Software Engineering Lead with entrepreneurial experience, skilled in both product-focused domains—e-commerce, travel, and finance—and infrastructure-focused areas such as developer experience, application performance, and component libraries

Experience

Roblox, Principal Software Engineer

May 2025 - Present, US

Working on a Lua-based Roblox component library that runs seamlessly across all platforms – iOS, Android, Console, PC, and VR – and is used by millions of players worldwide.

Lyft, Staff Software Engineer

Sep 2021 - May 2025, US

Leading Lyft's Frontend Infrastructure team, driving the SSR Web Platform, common UI components library, and Codemods Platform to enhance developer experience

Node.js, Next.js, SWC, Webpack, Docker, TypeScript, React, Styled Components, Playwright, Jest, RTL

- Led long-term strategic planning for Frontend (FE) Infrastructure, supporting **200+** developers and managing **100+** FE services and monorepos
- Developed yearly plans, set OKRs, and prioritized tasks based on business goals, customer feedback, and alignment with the FE Infra strategy
- Led cross-org initiatives to drive innovation, streamline processes, and enhance collaboration across teams, delivering impactful results organization-wide
- Led and mentored a team of **6** Infrastructure Engineers, fostering growth and hiring new talent
- Led org-wide initiatives to reduce KTLO burden, rationalize FE services, deprecate legacy libraries and frameworks, streamline architecture, and align priorities
- Supervised workflow improvements, enabling earlier feedback in the development lifecycle, cutting **6,500+** CI failures annually, and reducing failure rates by **3pp**
- Identified and secured buy-in to automate FE library upgrades, delegating to my team, executing **1,700+** updates monthly, and removing **1,000+** outdated dependencies across all services
- Created a unified Codemods Platform with a user-friendly CLI, automating code transformations, streamlining upgrades, and boosting Web Platform adoption by **~10x**
- Collaborated with DevX teams to enable testing changes directly from PRs, saving **2,000+** developer hours annually
- Led a multi-team project to migrate unsupported Angular services to an SSR Web Platform, reducing **450,000+** LoC, improving UX for **100,000+** daily users, and achieving 0 SEVs post-migration
- Led multiple Web Platform upgrades (Next.js 11/12, Webpack 5, React 17/18, TypeScript 4/5) across **90+** FE microservices, saving **2,000+** developer hrs, and cutting bundle size by **80%**
- Pioneered the adoption of SWC for compilation and minification, reducing build and local development times by **3x**

CallFromWeb, Co-Founder & CTO

Dec 2018 - Sep 2021, US

Developing a B2B SaaS platform for cloud-based call centers offering free incoming calls

Webpack, TypeScript, Redux, React, Styled Components, SASS, WebRTC, SIP.js

- Designed and developed the FE architecture of the platform
 - Implemented a common UI library and coding standards across 5 microservices
 - Set up CI pipelines from scratch using the GitLab API
 - Designed a WebRTC-based solution enabling real-time voice & video communication

- Implemented i18n to support multiple languages, enhancing accessibility and global reach
- Competed in multiple hackathons, achieving **2nd** place in the EY Digital Wave contest among **1,000** applicants
- Presented the product to investors and businesses to drive sales

EDNA, Senior Software Engineer, TL

Jun 2019 - May 2021, Cypress

Developing a multichannel platform for businesses, supporting SMS, Push, Chatbots, and WhatsApp

Webpack, TypeScript, Redux, Redux-Saga, React, Styled Components, SASS

- Identified, secured buy-in, and led multiple initiatives that enhanced business metrics and boosted developer productivity for a team of **6+** FE engineers
- Increased development speed and platform reliability by migrating from JavaScript to TypeScript
- Reduced the codebase, ensured UI consistency, and boosted reusability by creating a UI library
- Reduced time from commit to production by **2x** by setting up a GitLab CI pipeline

Ozon, Senior Software Engineer

Oct 2018 - Jul 2019

Built an internal SEO analytics platform to manage **100m+** of keywords

Nuxt, TypeScript, Vue, Vuex, CSS Modules, SASS, Docker

VK, Senior Software Engineer

Sep 2017 - Oct 2018

Built an educational platform for programmers with **960,000+** active users

Ruby on Rails, Webpack, Gulp, TypeScript, React, React Native, Redux, Styled Components, SASS

OneTwoTrip, Software Engineer

Aug 2016 - Sep 2017

Building convenient, affordable, and secure online travel services with over **100,000** monthly bookings

Gulp, JavaScript, React, jQuery, HTML5, CSS Modules, SASS

Deloitte, Software Engineer

Sep 2015 - May 2016

Enhanced the internal portal for Deloitte CIS, supporting over **3,700** employees

HTML, CSS, SharePoint

Education

Novosibirsk State Technical University

Bachelor's degree, Computer Science