Maksim Kabanov

Senior Frontend or Fullstack Engineer

SUMMARY

Senior Frontend Engineer with over 15 years of experience delivering enterprise -grade applications across finance , analytics , and infrastructure . Specialized in building scalable architectures with React, Angular , and TypeScript , and in optimizing complex UI systems for performance , maintainability , and business value .

Led frontend efforts in greenfield and legacy projects , including UI virtualization for 10,000 + row tables (reducing load time from minutes to seconds) and smart automation dashboards that cut manual workflows by over 70%.
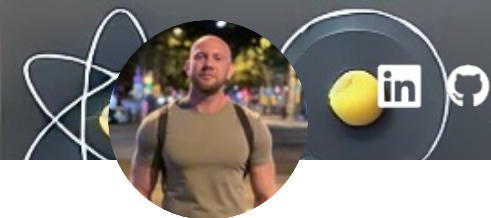
While frontend is my core focus , I also bring hands -on Node .js experience for prototyping APIs , some Firebase Functions , and building dev tools . I love myjob , clean code , and solving hard problems with pragmatic solutions .

This resume was programmatically generated using a custom tool I built to automate CV creation .

SKILLS AND COMPETENCIES

Skill	Level	Skill	Level
React .js	● ● ● ●	TypeScript	● ● ● ●
JavaScript	● ● ● ●	Problem Solving	● ● ● ●
Angular	● ● ● ○	Cypress	● ● ● ○
Jest	● ● ● ○	PDF & Excel Generation (jsPDF, ExcelJS)	● ● ● ○
API Integration (REST, OpenAPI)	● ● ● ○	UI Frameworks (Fluent UI, PrimeNG , Material UI)	● ● ● ○
Architecture & Design Patterns	● ● ● ○	Agile & Remote Collaboration	● ● ● ○
Performance Optimization	● ● ● ○	Mentoring & Technical Leadership	● ● ● ○
Product Thinking & UX Awareness	● ● ● ○	Node .js	● ● ○ ○
React Native	● ● ○ ○	Cloud services AWS, Firebase	● ● ○ ○

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WORK EXPERIENCE

Janea Systems

Senior Frontend Engineer   2022-04 – 2025-04

Worked across multiple high-profile enterprise projects in greenfield and legacy environments, delivering performant UIs and reusable architecture.

• Built staffing dashboard in Angular 18 with Signals, OnPush change detection, and drag-and-drop timelines. Replaced manual planning with a smart assignment system, increasing efficiency by ~70%. Enabled dynamic PDF/Excel export — reduced time to generate 60 CVs from 7–10 min to 20 sec, with support for multiple templates.
• Refactored Microsoft BI Report Viewer: introduced table virtualization for 10,000+ row datasets, reducing page load time from indefinite to a few seconds. Redesigned border rendering logic to eliminate visual glitches and match Report Builder behavior, significantly improving user satisfaction.
• Led frontend architecture and implementation of F5 Policy Supervisor using React, Redux Toolkit, and OpenAPI. Delivered MVP in 4 months.
• Wrote extensive Cypress and Jest tests. Collaborated with product and design in tight feedback loops.

Technologies: React Redux Toolkit TypeScript Angular 18 Signals OpenAPI Jest Cypress jsPDF ExcelJS

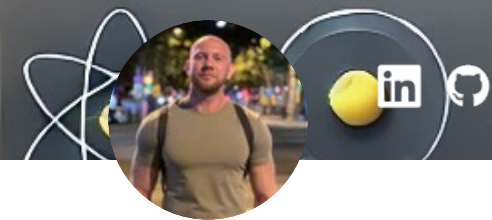## *Sberbank Technologies*

Senior Frontend Developer   2018-01 – 2022-03

Delivered modular internal systems using React and React Native, collaborating across distributed teams and integrating with legacy environments.

• Developed a modular React-based frontend with dynamic loading via DataBus, supporting internal and external environments. Led integration of third-party components and deployed the system organization-wide.
• Maintained and evolved a React Native app for appointment and contract handling. Migrated legacy architecture to modern Redux-based stack, resolving critical bugs and improving app performance and stability.
• Built reusable frontend modules for internal appointment workflows, streamlining business processes and improving time-to-delivery.

Technologies: React React Native Redux Thunk TypeScript Webpack REST

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Time and Space

Lead Full-Stack Developer   2012-02 – 2017-12

Led full-stack development of custom analytics and reporting systems for enterprise clients, with deep integration into backend infrastructure and high-performance UI components.

• Built a Gantt chart system on SlickGrid with custom rendering, real-time filtering, and print-to-PDF capabilities, enabling project teams to manage timelines with precision.
• Developed interactive dashboards with d3.js, jQuery, and ExtJS, integrating multiple databases (PostgreSQL, Oracle, MSSQL) and implementing automated reporting logic.
• Implemented caching strategies and refactored PHP backend for better performance and long-term maintainability.
• Added custom visual elements like maps and advanced widgets, improving UX for complex business intelligence tools.
• Led architectural decisions, coordinated across teams, and maintained strong data consistency across systems.

Technologies: JavaScript   SlickGrid   ExtJS   d3.js   PostgreSQL   MSSQL   Oracle

PHP   REST

Integral KT

Full-Stack Developer   2010-08 – 2011-10

Developed internal production management tools for X5 Retail Group, covering both frontend and backend workflows with strong database logic and document automation.

• Built an order management system with PHP backend and ExtJS frontend, using advanced PL/SQL queries to handle complex business logic.
• Implemented PDF and Excel export features using PHP libraries, automating reporting processes that were previously manual.
• Refactored legacy codebase for improved performance and maintainability, resolving major bottlenecks.
• Worked in a small agile team using SVN and Mercurial for version control and NetBeans as IDE.

Technologies: PHP   ExtJS   PL/SQL   Excel (PHP)   PDF (PHP)   SVN

Solving complex software engineering challenges. Think out of the box.

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PROJECTS

Hangman2

Created a fully serverless Hangman game with classic gameplay and typed backend logic. Built using React, Redux Toolkit, and Firebase Functions in a clean monorepo structure. Features include letter validation via cloud functions and Firestore-based word storage. Includes basic test coverage and documentation.

https://github.com/maksimkabanov/hangman2 https://hangman.maxkab.com

Technologies: React   Redux Toolkit   Firebase Functions   Firestore   Vite   Tailwind CSS   TypeScript

Portfolio Website

Built a modern, accessible portfolio website to showcase professional experience and projects. Developed with Next.js 15 and Tailwind CSS, the site supports Server Components, API Routes, and responsive design with dark mode. Deployed on Vercel with a focus on performance, SEO, and accessibility best practices.

https://github.com/maksimkabanov/maxkab https://maxkab.com

Technologies: Next.js 15   SSR   TypeScript   Tailwind CSS

EDUCATION

National Research Nuclear University MEPhi   2011
Bachelor in Engineering, Computer Science

LANGUAGES

English (Upper-Intermediate), Spanish (Upper-Intermediate), Russian (Native)

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