Maksim Kabanov
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Barcelona, Spain

Maksim Kabanov
Senior Frontend or Fullstack Engineer

SUMMARY

Did you know that now Power BI Web can handle massive tables without performance issues? I made it possible. Did you notice how precise borders remain even when zoomed in? That's also my work. Have you seen my CV in PDF? It's generated by an app I built that converts HTML (Handlebars) templates into high-quality PDFs — and it can generate hundreds of them in about 30 seconds.

I've developed custom BI systems, internal management systems, dashboards, and rich client-side logic. I care deeply about UX and always offer practical solutions to real problems — and then implement them.

I use AI daily to ensure the quality of my work and to quickly identify and solve edge cases or hidden issues.

With 15 years of experience — from Vanilla JS to React, Angular, Node.js, and even React Native — I can confidently say: if it can be done with code and logic, I can do it.

Check out the "Features" and attachments. This CV generated by the tool I made.

KEY SKILLS

React.js　Redux　Angular　primeng　TypeScript　JavaScript　Node.js　React Native　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　Problem Solving

Mentoring & Technical Leadership　Cloud services AWS, Firebase　Product Thinking　UX / UI

WORK EXPERIENCE (14 years 7 months)

Janea Systems

Senior Frontend Engineer (3 years 1 month)　　　　　　　　　2022-04 – 2025-04

- 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 100 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.
- 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　primeng　mui

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

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Sberbank Technologies

Senior Frontend Developer (4 years 4 months)   2018-01 – 2022-03

  • Developed a micro frontend on React with communication 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 ReduxToolkit-based stack, resolving critical bugs and improving app performance and stability.

Technologies: React   React Native   Redux   Thunk   TypeScript   Webpack   REST   ReduxToolkit

Micro-frontend

Time and Space

Lead Full-Stack Developer (5 years 11 months)   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.
  • Developed interactive dashboards with d3.js, jQuery, and ExtJS, integrating multiple databases (PostgreSQL, Oracle, MSSQL).
  • 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.

Technologies: JavaScript   SlickGrid   ExtJS   d3.js   PostgreSQL   MSSQL   Oracle   PHP   REST

ExtJS   jQuery

Integral KT

Full-Stack Developer (1 year 3 months)   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.

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

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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

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

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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