

Maksym Toropov

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PROFESSIONAL SUMMARY

Frontend-focused Product Engineer with 12+ years of experience building fast, accessible web applications with React, Next.js, Vue, and TypeScript. Delivered production products serving 100K+ users, improving Core Web Vitals by 30–45% and embedding WCAG 2.1/AODA accessibility from the start. Comfortable with Node.js, PostgreSQL, Supabase, and AI features built with LLM APIs, MCP, and Vercel AI SDK.

TECHNICAL SKILLS

Frontend: React, Next.js, Vue, Nuxt, TypeScript, JavaScript (ES6+), React Native, Astro, HTML5, CSS3, SASS

UI & Design Systems: Tailwind CSS, shadcn/ui, Radix UI, Storybook, Figma, Design Systems, Accessibility (WCAG 2.1 / AODA)

State & Data: Redux Toolkit, Zustand, React Query, REST APIs, GraphQL, Redis

AI Engineering: LLM APIs (OpenAI, Claude, Gemini), MCP, Vercel AI SDK, streaming chat interfaces, smart search, in-app assistants

Backend & Serverless: Node.js, Express.js, PostgreSQL, Prisma, Supabase, AWS (S3, Lambda), Cloudflare Workers

Testing: Jest, Vitest, React Testing Library, Playwright, Cypress

Build & Tooling: Vite, Webpack, Docker, CI/CD (GitHub Actions, GitLab CI), Vercel, Cloudflare, AI-assisted development (Claude Code, Cursor, Copilot)

CMS: WordPress, Drupal, Contentful

PROFESSIONAL EXPERIENCE

Senior Frontend Engineer

Dec 2014 – Present

Speed & Function — Philadelphia, PA (Remote from Vancouver, BC)

Consultancy building web and mobile platforms for North American enterprises. Leading frontend architecture and technical direction on cross-functional teams of 4–8 (design, backend, QA), owning delivery from discovery through release across 10+ engagements.

- Improved Core Web Vitals and Lighthouse performance by 30–45% across production apps serving 100K+ users through code splitting, lazy loading, image optimization, and SSR/SSG.
- Cut feature delivery time 25% across client engagements with a reusable component library and design system spanning React, React Native, and Next.js.
- Shipped AI product features — streaming chat interfaces, smart search, and in-app assistants — on LLM APIs, MCP, and the Vercel AI SDK.
- Shortened PR cycle time 15–20% team-wide after introducing AI-assisted development into the frontend workflow.
- Reduced new-developer onboarding from 2 weeks to 3 days through code reviews, documented standards, and shared component patterns.
- Reduced production regressions with unit and end-to-end test coverage in Jest, React Testing Library, Playwright, and Cypress.

TransCelerate BioPharma — Clinical Research Non-Profit | transceleratebiopharmainc.com | 2026

- Built the Modernizing Clinical Trial Conduct initiative section on a custom WordPress theme with ACF-driven content models and custom Gutenberg blocks resolving JSON schemas to server-rendered components, plus GSAP ScrollTrigger animations and a SASS/Webpack pipeline.

The Charles Group — Creative & Digital Agency | thecharlesgrp.com | 2026

- Delivered the corporate site for a NYC agency serving luxury and Fortune 500 brands (Cartier, HP, Aveda) on a custom WordPress theme deployed to WP Engine behind Cloudflare, leading migration of the full content library into a new template structure and information architecture.

Earlier client work — HALO Global Platform (halo.com), Princeton Alumni Weekly (paw.princeton.edu), Sealworks, and The Fertility Partners — each delivered with 90+ PageSpeed scores and accessibility compliance.

Earlier Experience

Dec 2010 – Dec 2014

Frontend Developer — SfDev | Ukraine | Mar 2012 – Dec 2014

- Delivered responsive, cross-browser web applications and CMS-based websites (Drupal, WordPress) for enterprise clients, reducing post-launch support requests by implementing pixel-accurate UI with strong UX and accessibility standards.

Software Engineer — Softex Group | Ukraine | Dec 2010 – Jul 2011

- Developed client-server applications supporting CRM and call-center workflows used by hundreds of end users, streamlining customer service processes and improving operational efficiency.

PERSONAL PROJECTS

Voyage — toropov.one/voyage | github.com/max-tor/voyage | 2026

- Map-first fuel tracker for drivers across Europe and Canada, built with Vue 3, Pinia, TypeScript, and Supabase. Designed a per-country price provider pattern combining government open-data APIs (Portugal DGEG, Régie de l'énergie du Québec) with OpenStreetMap Overpass and crowdsourced user fill-ups.

DevSprint Portal — devsprint-portal.vercel.app | github.com/max-tor/devsprint-portal | 2026

- Leadership development platform guiding users through personal development sprints based on the Immunity to Change framework — immunity mapping, experiment design, journaling, and peer-coaching reviews. React 18, Vite, and Supabase (auth and PostgreSQL), bilingual English/Ukrainian.

EDUCATION

Master's Degree in Computer Science — Economic Cybernetics

The National Academy of Environmental Protection, Ukraine | 2005 – 2010

LANGUAGES

English (Professional Working Proficiency) • Ukrainian (Native) • Russian (Native) • Georgian (Basic)