

Valery Kharshats

Senior Frontend Developer

1-647-949-5069 · valera.kh@gmail.com · Airdrie, Alberta, Canada

<https://www.linkedin.com/in/kharshats>

<https://valery-kh.vercel.app>



Portfolio

Professional Summary

Senior Frontend Engineer with 10+ years of experience building scalable, high-quality web applications across fintech, gaming, and SaaS. Deep expertise in React, TypeScript, Next.js, and modern JavaScript, with a strong foundation in component architecture, state management, and performance optimization. Track record of setting engineering standards, maintaining shared component libraries, mentoring engineers, and raising code quality through reviews. Full-stack experience including Node.js, PostgreSQL, and Next.js server components. Daily user of AI-assisted development tools including GitHub Copilot and Cursor.

Professional Experience

Frontend Developer | **NiyaSoft Canada Inc.** · October 2023 – March 2026 · Canada (Remote)

- Built and maintained full-stack features using React, TypeScript, Next.js (server and client), Node.js, and PostgreSQL — focused on performance, accessibility, and reliability.
- Drove Lighthouse score improvements through bundle optimization, code splitting, and eliminating unnecessary re-renders using React DevTools Profiler and React Scan.
- Migrated state management from Redux Thunk to Jotai and TanStack Query — having used Redux across three consecutive companies, led this modernization with deep understanding of the tradeoffs.
- Implemented CI/CD pipelines with GitHub Actions, introduced E2E testing with Cypress and Playwright, and evaluated a self-hosted open-source feature flag solution.

Frontend Team Lead | **Common Wealth Retirement** · April 2022 – October 2023 · Canada (Remote)

- Led frontend engineering for a financial SaaS platform — owned architecture decisions, component library, and code quality standards across the team.
- Used LogRocket in production to debug user-reported issues — replayed sessions, mouse interactions, and Redux state changes locally to reproduce and resolve complex bugs.
- Mentored engineers, enforced code standards, and collaborated closely with designers and backend engineers on delivery.

Senior Frontend Developer | **Stars Technologies (PokerStars)** · September 2017 – March 2022 · Richmond Hill, ON

- Senior engineer on core platform and Web Cashier team — built high-traffic React applications serving millions of global users, including payment flows and fraud handling.
- Built and maintained a shared component library used across multiple product teams; enforced standards via automated linting and documented best practices.
- Optimized Lighthouse scores and bundle sizes; replaced heavy dependencies with lighter alternatives and implemented code splitting.
- Wrote Jest and React Testing Library test suites; conducted code reviews and mentored engineers across the org.

Senior Frontend Developer | **Viber** · January 2015 – December 2017 · Israel

- Established frontend architecture and UI standards for a new partner-facing product; served as de-facto Tech Lead as the team scaled.
- Led full rewrite from AngularJS to Angular 2 with TypeScript and Webpack, modernizing the codebase and improving UI performance and maintainability.

Software Engineer | **LTG Exam Prep Platform** · January 2014 – December 2015 · Israel

- Built cross-platform iOS and Android apps using Ionic (AngularJS/Cordova).

Web Developer | **Ladbrokes** · January 2013 – December 2014 · Israel

- Developed large-scale gaming portal using Drupal 7/PHP and AngularJS SPAs with SASS/SCSS.

Frontend Developer | **The Nation Traffic** · January 2012 – December 2013

- Developed gaming portals and landing pages with full cross-browser compatibility.

Web Designer | **Push Style Design Studio** · 2008 – 2012 · Ashkelon, Israel

- Co-founded a boutique design and development studio — designed and built client websites, bridging visual design with front-end implementation.

Technical Support Specialist | **012 Telecom** · 2005 – 2007 · Rishon Le Zion, Israel

- Provided internet technical support, troubleshooting connectivity and service issues.

Technical Skills

Languages & Markup: TypeScript, JavaScript, HTML, CSS, SASS/SCSS, CSS-in-JS (Styled Components, Emotion, MUI Styled)

Frameworks & Libraries: React.js, Next.js, Redux, TanStack Query, Jotai, Angular, Node.js, MUI, GraphQL

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

Performance & Observability: Lighthouse, React DevTools Profiler, why-did-you-render, React Scan, LogRocket, Bundle Optimization, Code Splitting, Cross-browser Compatibility

Practices: Component Architecture, State Management, Performance Optimization, Accessibility (WCAG), Cross-browser Compatibility, Feature Flags, A/B Testing, Code Review, Mentoring, Agile/Scrum

Tools: Webpack, Vite, Babel, ESLint, Git, GitHub Actions, CI/CD, NX Monorepo, Docker, PostgreSQL, Figma, REST APIs, GitHub Copilot, Cursor

Education

Microsoft Certified Professional Developer (MCPD) · Ashdod Management College · 2012

Specialized in Web Development for ASP.NET

Diploma — Practical Engineer, Visual Communication Design · Ashkelon Academic College · 2009

Languages

English (Full Professional Proficiency) · Hebrew (Native) · Russian (Native) · Ukrainian (Professional Proficiency)

Certifications

- .NET Framework 4, Web Applications · Microsoft · 2012
- .NET Framework 4, Data Access · Microsoft · 2012
- Staying Sharp with Angular.js