NAREK SARGSYAN

Senior Frontend Engineer | React / TypeScript

Yerevan, Armenia (GMT+4) | Open to remote — EMEA and US-East overlap
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SUMMARY

Senior Frontend Engineer with 7+ years building production React applications — enterprise back-office and financial data platforms, real-time AI interfaces, and Manifest V3 browser extensions. Deep in TypeScript-first architecture, state management at scale (Redux Toolkit, Zustand, React Query), and performance tuning for interfaces that carry real data volume. Comfortable owning a product surface end to end: architecture, testing, CI/CD, and production deployment. Experienced in remote delivery for US-based teams, and most recently led frontend on an AI memory product built with React 19.

EXPERIENCE

Software Engineer — SoftConstruct

May 2023 – Present | Yerevan, Armenia | Full-time, on-site

Technology group of 8,000+ employees across 10+ brands. Work delivered within FeedConstruct, its real-time sports data division serving 300+ partners across 120+ sports.

- Owned a greenfield back-office platform for partner and financial data management, from an empty repo through production — defining module structure, state management strategy, and the frontend conventions the application is built on.
- Architected the state layer to keep large, frequently-updated partner and transaction datasets responsive under dynamic filtering, sorting, and multi-view navigation.
- Shipped secure authentication and role-based access control over partner and financial records.
- Implemented reporting and data visualization views with user-configurable filtering and drill-down.
- Designed a reusable, schema-driven multi-step form system that standardized validation across financial data entry flows, where input accuracy is critical.

Stack: React, TypeScript, Redux Toolkit, React Query

Lead Frontend Engineer — dEssence

June 2025 – May 2026 | Remote

AI context and memory product giving AI assistants persistent, portable memory — shipped as a web app, a Chrome extension, and a Telegram bot. Live at app.dessence.ai.

- Lead UI/UX engineering across the product: a React 19 + TypeScript single-page app, a Manifest V3 Chrome extension, and the full conversational chat experience.
- Built a real-time streaming AI chat interface with LLM integration.
- Designed a drag-and-drop personal knowledge base (Pinboard) and profile-based trait tracking for personalization.
- Shipped the MV3 Chrome extension with OAuth 2.0 PKCE authentication, capturing text, images, and links from any webpage into the app.
- Architected state with Redux Toolkit, React Query, and Zustand; multi-language support via i18next.

Stack: React 19 (React Compiler), TypeScript, Vite, Redux Toolkit, React Query, Zustand, Ant Design, SCSS modules, Chrome Extensions (MV3), Vitest, i18next

Software Engineer — RedKite

March 2021 – May 2023 | Yerevan, Armenia | Full-time

- **SupplyChainMusic —** Built the frontend of a white-label music distribution platform in React — the reusable hooks and components behind complex multi-field forms, state and API orchestration with Redux and React Query, and a clean responsive Material UI layer.
- **ITU | ICT Policy —** Delivered a fully client-side analytics tool for the International Telecommunication Union, measuring how policy and regulation shape ICT investment. With no backend in scope, structured the calculation engine with OOP patterns so the codebase stayed maintainable as it grew.

Stack: React, Redux, React Query, Material UI

Software Engineer — **BrightEdge**
March 2021 – May 2022 | *Remote* | *Contract — concurrent with RedKite*

US enterprise SEO and AI search platform serving 2,000+ enterprise customers.

- Migrated a full SEO tool suite into a Manifest V3-compliant Chrome extension, rebuilding for the new extension model with performance and security in mind.
- Extended the Material UI design system with reusable, accessible components that matched the existing theme and were easy to build on.

Stack: React, Material UI, Chrome Extensions (MV3)

ReactJS Developer — **Munich Ventures**
April 2020 – March 2021 | *Armenia* | *Full-time*

- **CDA Online —** Built a secure platform for transactions, online voting, and remote access to depository accounts — separate admin and user portals with five permission-based roles, plus responsive tables that held up under large data volumes.
- **Immowin24 —** Developed a real-estate analytics platform for the German market, turning complex datasets into intuitive components and charts.
- **ChessMood Forum —** Rebuilt the community forum in React and integrated it into the existing PHP stack for a more interactive experience.

Stack: React, Redux, JavaScript

PROJECTS

HealthHub — **health-hub.app**
Live | *React, TypeScript*

- Practice management SaaS for Armenian clinics — online booking, digital medical records, and appointment scheduling, localized across Armenian, Russian, and English.
- Built the subscription and quota model — per-plan limits on SMS notifications, file storage, doctor seats, and reception staff — plus SMS appointment notifications for Armenian carriers.

Mega Metal — **Next.js 16, Payload CMS 3, PostgreSQL**

- Multi-locale e-commerce build for the Armenian market — three locales, AMD pricing, and a Payload CMS content model.

SKILLS

Languages: TypeScript, JavaScript (ES6+), HTML5, CSS3, SASS/SCSS

Frameworks: React 19 (React Compiler, Hooks, Context), Next.js (App Router), Node.js, Express

State & Data: Redux Toolkit, RTK Query, React Query, Zustand, Recoil, MobX, REST, GraphQL, WebSockets

UI & Design Systems: Material UI, Ant Design, Styled-Components, SCSS modules, Storybook, Figma

Testing: Vitest, Jest, React Testing Library, Playwright

Performance & Accessibility: Code-splitting, lazy loading, React Profiler, Core Web Vitals, WCAG/ARIA

Build & Tooling: Vite, Webpack, Babel, ESLint, Prettier, i18next, pnpm, yarn, npm

Browser Extensions: Manifest V3, service workers, content scripts, messaging APIs, OAuth 2.0 PKCE

Backend & Infrastructure: MongoDB, PostgreSQL, Firebase, Payload CMS, Docker, GitHub Actions, CI/CD

AI: LLM integration, streaming chat interfaces, Claude Code, MCP, Ollama

EDUCATION

BA, International Relations — Yerevan State University

LANGUAGES

Armenian: Native

English: Professional working proficiency (B2)

Russian: Professional working proficiency (B2)