

Manuk Martirosyan

Senior Frontend Developer

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PROFESSIONAL SUMMARY

Senior Frontend Developer with 7+ years of experience developing enterprise React applications for complex business domains. Experienced in designing scalable frontend architecture, building workflow-driven user interfaces, and delivering high-performance web applications using **React**, **TypeScript**, **Redux Toolkit**, and **RTK Query**.

Focused on designing maintainable frontend systems, simplifying complex business workflows, and delivering scalable enterprise applications through clean architecture and reusable solutions.

TECHNICAL SKILLS

Languages:	JavaScript (ES6+), TypeScript
Frameworks & Libraries:	React, Redux Toolkit, RTK Query, React Hook Form, Yup
Styling & UI:	Ant Design, Material UI, HTML5, CSS3, Chart.js
Performance & Architecture:	Frontend Architecture, Performance Optimization, State Management, Code Splitting, Lazy Loading, Virtualization, Localization (i18n), Role-Based Access Control (RBAC), WebSocket
Testing:	Vitest, Code Review Workflows
Build & DevOps:	Vite, Webpack, Git, Vercel
Tools:	Jira, Figma
Spoken Languages:	Armenian (Native), English (B2)

PROFESSIONAL EXPERIENCE

Ogma Applications

December 2018 – Present

Senior Frontend Developer

2021 – Present

Building enterprise React applications for field service, engineering, and administration platforms used across multiple European markets.

- Designed and implemented the frontend architecture for a new engineering platform, defining scalable structure, reusable component patterns, API integration, and predictable state management.
- Standardized application state by introducing **Redux Toolkit** and **RTK Query**, improving consistency, caching, and API data handling across new enterprise products.
- Built workflow-driven interfaces where navigation, actions, forms, and validation adapted dynamically to business state, permissions, and configuration.
- Developed complex business forms with **React Hook Form** and **Yup**, including conditional rendering and server-driven validation rules.

- Cut initial JavaScript bundle size from ~**3 MB to 1.8 MB** through route-level code splitting and lazy loading, improving application startup performance.
- Improved responsiveness of data-heavy screens by implementing list/table virtualization for large datasets.

Full Stack Developer

2018 – 2021

- Developed frontend and backend features using **React**, **C# (.NET)**, and **SQL** for enterprise business applications.
- Maintained and enhanced production enterprise applications while resolving customer-facing issues.
- Collaborated with senior engineers on feature delivery and mentored juniors through JavaScript knowledge-sharing sessions.

SELECTED ENTERPRISE PRODUCTS

WebStation

Enterprise Field Service Management platform for technicians, support teams, and dealers.

- Owned complex workflow-driven UI for service request lifecycle, scheduling, and spare parts flows.
- Developed workflow-driven interfaces where navigation, forms, validation, and available actions dynamically adapted based on business state and user permissions.
- Delivered localized interfaces for multiple European markets with performance work for large operational datasets.

PFS4

Enterprise administration platform for configuring and managing business operations.

- Built administration workflows for users, roles & permissions, products, translations, and regional configuration.

Projipac

New enterprise engineering platform developed as a greenfield application.

- Designed and implemented the frontend architecture with **Redux Toolkit**, **RTK Query**, shared components, and complex dynamic forms.

Aquamed

Enterprise engineering platform focused on calculations and business workflows.

- Contributed to shared React infrastructure and calculation-driven workflows using **Redux Toolkit** and **RTK Query**.

EDUCATION

National Polytechnic University of Armenia

2010 – 2016

Bachelor's Degree · Information Technology