

David Karapetyan

Frontend Developer

Contact

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Professional Summary

Frontend Engineer with 6+ years of experience designing and delivering scalable, production-grade web applications. Strong focus on frontend architecture, system thinking, and product-oriented development. Focus on pixel-perfect UI implementation, responsive design, and cross-browser compatibility.

Experienced in building complex UI systems, real-time applications, and AI-powered interfaces, working closely with business stakeholders and product teams to translate requirements into maintainable technical solutions.

Actively leverages AI development tools (Cursor, GitHub Copilot, Claude, ChatGPT) to accelerate delivery, improve code quality, automate repetitive tasks, and support architectural decision-making.

Core Skills

Frontend Engineering

JavaScript (ES6+), TypeScript, React, Next.js (SSR), Redux, MobX, RxJS, React Query, Material UI, Ant Design, SCSS, Styled

Components, Storybook, Accessibility (WCAG, ARIA, semantic HTML)

Frontend Architecture

Scalable and modular UI architecture, state management design, performance optimization, real-time interfaces, API

interaction (REST, GraphQL, WebSocket)

Backend & API

PostgreSQL, MongoDB, Node.js, NestJS, Express, REST, GraphQL (Apollo), WebSocket, authentication & authorization

(JWT, RBAC)

AI & Productivity

AI-assisted development, prompt-driven task decomposition, AI-powered UI features

DevOps & Tooling

Vite, Webpack, Docker, Nginx, Git, CI/CD, production readiness,

Monitoring & debugging: Sentry, production issue analysis

Product & Business Collaboration

Requirements translation, feature decomposition, cross-functional collaboration, technical trade-offs, close collaboration with design teams (Figma), translating designs into reusable UI components

Professional Experience

Front End Developer — Buy.am (Sep 2024 – Present)

Develop and maintain the complete Buy.am ecosystem, including the Buy.am Customer App, Courier App, and OMS (Order Management System).

Implement new features and improve existing functionality across web and mobile applications. Build responsive, high-performance user interfaces using React, Next.js, React Native (Expo), and TypeScript. Collaborate closely with product managers, designers, and backend engineers to deliver scalable solutions.

Integrate REST APIs, optimize application performance, and resolve production issues.

Participate in code reviews, architectural discussions, and release planning to ensure code quality and maintainability.

Software Developer — We Construct (Sep 2020 – Jan 2024)

Developed and maintained web applications, collaborated with cross-functional teams, and delivered scalable frontend and backend features.

Education

National Polytechnic University of Armenia — Bachelor's Degree, Automation and Management

Languages

Armenian (Native), Russian (C1), English (B1)