Serine Tovmasyan

SOFTWARE ENGINEER

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Profile

Senior Frontend Engineer & Forward Deployed Software Engineer with 5+ years of experience building high-performance, scalable web applications with React, Next.js, and TypeScript. Expert in frontend architecture, reusable component systems, spec-driven API integrations, and performance optimization. Strong background in state management, data fetching, real-time updates, and mentoring engineering teams.

Skills

FRONTEND & LANGUAGES

React | Next.js | TypeScript | JavaScript (ES6+) | TanStack Table | Python | C++

STATE, APIS & AUTH

Zustand | Redux Toolkit | TanStack Query | REST APIs | BFF Services | SSE (Real-time) | OAuth | JWT | Auth & Authz | Postman | Swagger / OpenAPI | Spec-Driven Development

STYLING, DESIGN & BUILD

HTML5 / CSS3 | Sass / Less | Tailwind CSS | Material UI (MUI) | Styled Components | Ant Design | Bootstrap | Figma / Sketch | Webpack / Vite

AI TOOLS

Antigravity | Claude | GitHub Copilot | Cursor | Vibe Coding

Work Experience

Software Engineer
Sep 2024 – Present

Movato

- Engineered modern web applications using React.js, Next.js, TypeScript, and Zustand, adopting spec-driven development with OpenAPI/Swagger definitions to align clients with backend schemas.
- Implemented a spec-driven frontend architecture, converting API contracts into fully-typed client models, TypeScript interfaces, and custom hooks to streamline data flow.
- Championed AI-augmented development, utilizing LLM-driven coding tools (Antigravity, Claude, Cursor, GitHub Copilot) to automate boilerplate, generate unit tests, and optimize debugging workflows.
- Integrated REST APIs using TanStack Query for efficient caching, intelligent data fetching, and client state synchronization.
- Implemented real-time dashboards utilizing Server-Sent Events (SSE) and integrated user behavior analytics.

Software Engineer
Feb 2025 – Feb 2026

EPAM Systems

- Developed enterprise-level frontend applications using React, Next.js, and TypeScript, enforcing strict adherence to spec-driven API contracts for seamless backend integration.
- Employed AI-augmented coding engines to accelerate code refactoring, bundle size optimization, and test suite generation.
- Built reusable UI components using Tailwind CSS and Styled Components following a pixel-perfect, design-system-first approach.
- Integrated frontend solutions with Backend-for-Frontend (BFF) services and REST APIs based on shared API schemas.
- Improved code quality and team productivity through comprehensive code reviews, technical guidance, and modern React practices.

Software Engineering Student
Jul 2024 – Mar 2025

EPAM Systems

- Completed intensive training focusing on modern web development practices, data structures, and algorithms.
- Developed full-stack web applications using JavaScript, TypeScript, React, and Node.js.
- Gained experience with databases, REST APIs, Git workflows, and Agile software methodologies.

Skills (Cont.)

TESTING, CLOUD & DEVOPS

Jest · React Testing Library · Storybook · Debugging · AWS · Firebase · Cloudflare · PostgreSQL · Docker · CI/CD (Basic) · Unleash (Flags)

COLLABORATION & SOFT SKILLS

GTM / Google Analytics · Git / GitHub / GitLab · Jira / ClickUp / Asana · Mentoring & Lecturing · Collaboration · Problem Solving · Technical Docs

Education

B.Sc. in Finance — 2016 – 2020

Armenian State University of Economics (ASUE)

Professional Courses

- **React JS Course**
  ACA (Armenian Code Academy)
- **Node.js Course**
  EPAM Systems
- **AWS Cloud Course**
  EPAM Systems
- **Python Course**
  ACA (Armenian Code Academy)
- **Intro to Programming (C++)**
  RAU (Russian-Armenian University)

Languages

- **Armenian**
  Native
- **English**
  Full Professional Proficiency
- **Russian**
  Professional Working Proficiency

Work Experience (Cont.)

Frontend Development Lecturer (Contract)
Apr 2023 – Nov 2024

TCO Academy

- Delivered React.js training through structured lectures and personalized mentoring sessions.
- Guided students in building React applications and adopting Git/GitHub workflows.
- Provided constructive technical feedback to improve coding practices and problem-solving skills.

Software Engineer
Sep 2022 – Apr 2024

Brainstorm Technologies

- Led frontend development using React.js, Redux, TypeScript, and Next.js from concept to production.
- Designed and developed reusable component systems with Styled Components and Material UI to ensure design consistency.
- Conducted code reviews and provided technical feedback to improve engineering standards.
- Collaborated with cross-functional teams on feature development and technical solutions.

Software Engineer
Mar 2021 – Sep 2022

WildLearner

- Developed web applications using React.js, Redux, TypeScript, and Next.js.
- Created reusable and user-focused component systems using Ant Design.
- Improved existing applications through performance optimization, refactoring, and UX enhancements.

Software Engineer
Aug 2020 – Mar 2021

Cadastre Committee of Armenia

- Developed frontend interfaces using JavaScript and React.js.
- Integrated frontend components with government backend databases and REST APIs.
- Implemented user-facing features to improve usability and created technical documentation.