Tigran Sargsyan

Software Engineer

GitHub LinkedIn Portfolio



Contact

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Yerevan, Armenia

Software Skills

Core

- HTML5
- CSS3
- JavaScript (ES6+)
- TypeScript

Frameworks & Libraries

- React / Next.js
- React Native
- Three.js
- Jest / React Testing Library
- Ant Design / Material UI (MUI)
- Shadcn UI

Styling

- Tailwind CSS
- Sass (SCSS)
- Responsive Design
- Mobile-First Layout

State & Data

- Redux / Redux Toolkit
- Zustand
- TanStack Query (React Query)
- AI Model Integrations
- REST APIs (Fetch / Axios)
- WebSockets

Graphics & Rendering

- HTML Canvas
- WebGL
- Chart.js / Recharts

About Me

Software Engineer with 6+ years of end-to-end web development experience. Core expertise lies in architecting scalable client-side web systems (React, Next.js) while maintaining a strong foundational knowledge of backend technologies (Node.js, databases, REST/GraphQL APIs). Proven track record of owning full feature lifecycles, optimizing UI performance, and building interactive digital products. Additionally skilled in integrating AI models and incorporating 3D

Experience

Software Engineer

09.2022 - present

Pixeria LAB

1. Led frontend development of web and mobile apps using React / React Native. Built scalable UI and integrated 3D components with Three.js (360° Viewer). Developed a platform where users could customize room-change floors, walls, and add decorations interactively. Owned feature lifecycle, improved frontend skills, and collaborated with design, backend, and product teams.
2. Built a scalable admin panel for the room customization platform. Integrated analytics dashboards and charts, implemented role-based access, managed interlinked product categories and subcategories, and added payment integration with Stripe. Collaborated with backend and product teams to ensure smooth data flow and maintainable architecture.
3. Developed a mobile app that allows users to capture multiple photos of a room from several central points and view it in 360°. Implemented UI guidance showing where to position the phone, with automatic photo capture for precise results. Built interactive 360° viewing and ensured smooth user experience across devices.

Frontend Developer

01.2024 - 12.2025

GenieWeb · Part-time, Remote

Contributed to frontend development of web applications with GenieWeb, building responsive, mobile-first UIs and integrating REST APIs. Participated in UI testing and supported SEO-focused technical and product content.

Backend & Database

- Node.js
- PHP (Basic)
- PostgreSQL
- MySQL
- Supabase

Auth & Integrations

- OAuth 2.0 / JWT
- Google & Facebook Login
- Stripe Integration
- REST / GraphQL API Integrations
- WebSocket Integrations
- AI Model Integrations

Tools

- Git / GitHub
- npm / yarn
- Vite / Webpack
- Figma (UI implementation)

Quality

- Cross-browser compatibility
- Performance optimization
- Debugging
- SSR / SSG (Next.js)

Languages

English

Russian

Armenian

Personal Skills

- ✓ Responsibility
- ✓ Adaptability
- ✓ Time management
- ✓ Fast learning
- ✓ Critical and logical thinking
- ✓ Accuracy
- ✓ Teamwork

FrontEnd Developer

01.2022 - 12.2022

NWS LAB

Developed a dynamic portfolio management platform for algorithmic trading strategies using React.js and Zustand. Implemented interactive tables, dynamic forms, and visual diagrams to effectively present trading logic and portfolio data. Additionally, continuously strengthened frontend skills and participated in conferences covering modern frontend architectures and best practices.

FrontEnd Developer

08.2020 - 12.2021

BeeOnCode LLC

Developed and enhanced the admin panel used by the Ministry of Territorial Administration and Infrastructure. Built flexible UI components and implemented dynamic structure control, allowing administrators to modify interface elements and content. Worked closely with backend APIs to ensure full functionality and smooth UI experience. Project website: https://www.mtad.am/

Education

02.2020 - 09.2020
Basic IT Center

09.2016 - 05.2022
National Polytechnic University of Armenia, Yerevan