

Vahagn Davtyan

Senior Full Stack developer

Overview

Full Stack Developer with 5+ years of experience building scalable and user-friendly web applications, including SaaS platforms, e-commerce solutions, and AI-powered products using React.js, Node.js, TypeScript, JavaScript, Next.js, HTML5, and CSS3.

Experienced in developing both frontend and backend systems, designing RESTful APIs, integrating third-party services, working with databases, and building modern, maintainable applications with a strong focus on performance, scalability, and reliability.

Consistently delivered high-quality solutions by applying clean code principles, optimizing user experience, improving accessibility, and collaborating closely with designers, product managers, and cross-functional engineering teams throughout the entire software development lifecycle.

General skills

- Prompt engineering.
- Integrating AI-driven features into real-world products.
- Creating clean, efficient, and user-friendly interfaces.
- Creativity and visual storytelling based on my unique perspective to UI/UX challenges and interactive product design resulting from my previous experience as a 2D Animator.
- Automation and process optimization.
- Quick learner and skill uplift.
- Contributing to innovative projects in a collaborative environment as a team member as well as individually.
- Mentoring junior developers, sharing knowledge.
- From Unit to end to end Testing.
- Agile practices.

Technical Skills

Programming Tools: HTML5, CSS3, JavaScript, Typescript, React JS, redux, Git, Node JS, Next JS, GraphQL, Cypress.

Design tools: Figma, Material UI, Bootstrap, Ant Design, Adobe Audition, After Effects, Premiere Pro.

Technologies: MVC, jQuery, Agile methodology, AWS, Netlify.

Frameworks: React.js, Node.js, Express.

Databases: MongoDB, SQL, NoSQL.

Work Experience

Junior Software engineer promoted to Mid. Software engineer

Ucraft | 2021.02-2023.08

Projects (Ucraft website builder)

UCraft is a drag-and-drop website builder for anyone who wants to create a professional and responsive website. Whether you are a small business owner, entrepreneur, artist, blogger, or anything in between, build a website and present your brand in the best possible light.

Responsibilities:

- Creating an Ucraft builder UI elements with React and Redux
- Using Typescript as a main programming language of the project
- Using React new version and using Hooks in React
- Using Ant Design and styled-components as component library and styling
- Using Nextjs framework for frontend
- Using Expressjs for backend
- Using Git and agile methodology

Used technologies:

Clean Architecture, Custom UI Implementation, TDD, React, Next, GraphQL, Redux, Typescript, Javascript, SASS, HTML/CSS.

Middle Software Engineer promoted to Senior Software Engineer

Lebax Technologies | 2023.08 - present

Projects (Robotics technologies)

Multi-Camera Trigger App

Role: Full Stack Developer (React/TypeScript)

Project Type: Commercial | Built under employment contract

Tech Stack: TypeScript/React, HTML/CSS, Node.js REST API

Description:

Built a responsive web app for controlling and monitoring multiple cameras simultaneously. The app allows users to trigger image or video capture across several devices and receive real-time feedback per camera. Designed for environments like photo studios or kiosks where multi-device coordination is essential.

Key Features:

Triggered photo/video capture across multiple networked cameras.
Real-time UI feedback showing success or error status for each camera.

Two operating modes:

Public Mode: Display-only interface for capturing without editing.
Edit Mode: Admin interface for configuring and managing cameras.
Custom error handling with user-friendly camera labels (e.g., "Cam1", "Cam2").
Modular and reusable components for scalable camera card layouts.

AI Selfie Kiosk App

Role: Full Stack Developer (TypeScript/React, Webcam Integration).
Project Type: Commercial | Built under employment contract / Kiosk-based System.
Tech Stack: TypeScript/React, HTML5, CSS, Webcam API.

Description:

A touch-friendly, single-page web application designed for kiosks to capture selfies and send them to an AI backend for stylization or transformation. Intended for use in tourist attractions or entertainment venues.

Key Features:

Real-time webcam preview with snapshot capability.
One-click capture and upload to backend.
Public mode with restricted access (ideal for kiosk use).
Responsive layout for large displays and tablets.
Optimized for fast user interaction in high-traffic environments.

Responsibilities:

- Using React/Typescript as a main programming language of the project
- Using React new version and using Hooks in React
- Using styled-components as component library and styling
- Using Expressjs for backend
- Using Git and agile methodology

Used technologies:

Clean Architecture, Custom UI Implementation, TDD, React, Next, GraphQL, Redux, Typescript, Javascript, SASS, HTML/CSS.

Collaborative Project & Task Management Platform

Full-stack web application for agile team collaboration: multi-workspace projects, customizable Kanban boards, issue tracking (tasks, bugs, epics), backlog/sprints, role-based access, and real-time-style notifications. Built end-to-end with a React SPA and NestJS REST API.

- Designed and implemented a **multi-tenant workspace model** (workspaces, projects, boards) with URL-based routing and project-level permissions (admin / member / viewer).
- Built **Kanban boards** with custom drag-and-drop for tasks and column reordering, filters (assignee, issue type), inline task creation, and board/backlog views.
- Developed **issue management**: priorities, issue types, subtasks, comments, activity log, attachments, and deep-linked issue pages.
- Implemented **authentication & security**: JWT auth, Google OAuth, email verification, invite flow, rate limiting, and protected API routes.
- Created a **workspace home dashboard** with personalized metrics (my tasks, in progress, blocked, sprint progress) and configurable project/board scope.
- Delivered **notifications** for assignments, status changes, comments, mentions, and sprint events; dark/light theme across the UI.
- **Stack**: React 19, TypeScript, Vite, Tailwind CSS, React Router · NestJS, Prisma, PostgreSQL, Passport/JWT.

Solo full-stack developer — architecture, UI/UX implementation, API design, database schema, and feature delivery.

Aqamony

Founder & Full Stack Developer

Aug 2026 – Present

Aqamony is an AI-powered product image toolkit built for e-commerce businesses to create marketplace-ready product images in seconds.

Key Features

- AI-powered background removal
- White, transparent, and custom background generation
- Batch image processing
- Marketplace-ready image export
- Image optimization for Shopify, Amazon, Etsy, and other platforms
- Modern SaaS dashboard with authentication and subscription support

Technologies

Next.js 15 • React 19 • TypeScript • Tailwind CSS • PostgreSQL • Neon • fal.ai • Paddle • Vercel

Responsibilities

- Designed and built the product from scratch

- Developed the frontend using Next.js App Router
- Integrated AI image processing services (fal.ai)
- Implemented authentication, database, and subscription architecture
- Designed scalable SaaS architecture and user workflows
- Built responsive UI/UX focused on e-commerce sellers
- Deployed and maintained the production application

Live

<https://aqamony.com>

Projects (After Effects)

After Effects automation. with `aescript.bat`: One template for multiple users. It automatically takes the users' images, puts them into the AE project template, exports them for all users, and uploads the images to the website, where they can download them.

Responsibilities:

- After effects
- Using .bat files
- Created animation video with After effects and post-production in Premiere pro

Used technologies:

After effects, Premiere pro, Photoshop, Adobe Audition

Education & Languages

Master's Degree: Bitschool / Computer Science, Software Engineering

September 2019- June 2020

Bachelor's Degree: Armenian state pedagogical university named after Khachatur Abovyan

September 2009 - June 2013

Languages

English: Upper-Intermediate

Russian: Fluent

Armenian: Native

Contact information

Gmail : vahagnpgg@gmail.com

Mobile number: +37455950969