

Davit Khachatryan

Senior FULL-STACK & AI INTEGRATION ENGINEER | FRONTEND

SUMMARY

- Engineer with 5+ years in frontend development, specializing in AI-powered web applications, LLM integrations, and MCP-based workflows.
- Expertise in TypeScript, React, and backend technologies including Node.js, NestJS, REST, and GraphQL APIs.
- Designed and led frontend architecture for complex financial platforms, implementing real-time analytics, multi-provider authentication, and third-party integrations.
- Proficient in AI tooling such as Claude Agent SDK, OpenAI API, and prompt engineering, delivering AI-enhanced automation and intelligent features.

Experienced in Agile methodologies, scalable component systems, performance optimization, and cross-functional collaboration in fintech, Web3 ect.

TECHNICAL SKILLS

Main Technical Skills	React (5 yr.), TypeScript (5 yr.), JavaScript (5 yr.), AI-agents, RAG
AI Tools & Assistants	Claude
Programming Languages	JavaScript (5 yr.), TypeScript (5 yr.)
AI & Machine Learning	AI-agents, Claude, OpenAI (2 yr.), RAG
JavaScript Frameworks	Angular, Ext JS (2 yr.), NestJS (2 yr.), Node.js (2 yr.), Nuxt, React (5 yr.), Vue.js (2 yr.)
Mobile Frameworks and Libraries	Crashlytics (1 yr.)
JavaScript Libraries and Tools	Redux-Saga, Vite (1 yr.), Zustand
UI Frameworks, Libraries, and Browsers	CSS3 (5 yr.), HTML5 (5 yr.), SASS/SCSS (3 yr.), Tailwind CSS (5 yr.)
Cloud Platforms, Services & Computing	GCP
Amazon Web Services	AWS Lambda
SDK / API and Integrations	API, GraphQL (1 yr.), RESTful API (2 yr.)
UI/UX/Wireframing	Figma
Version Control	Git

QA, Test Automation, Security	Playwright, React Testing Library
Methodologies, Paradigms and Patterns	Scrum
Other Technical Skills	Claude Code

WORK EXPERIENCE

Senior Frontend Developer - O-dev (GVNR and Diamond Hands Platforms)

Duration: Aug 2024 – Present

Summary:

- Development of two financial platforms: GVNR, a financial liquidity platform, and Diamond Hands, a collateralised lending platform
- Both platforms were built from scratch to provide advanced financial services with real-time analytics and secure multi-provider authentication

Responsibilities:

- Designed and owned complete frontend architecture including folder structure, state management, API service layers, custom hooks, and component systems.
- Integrated AI models, AI agents, and LLM-assisted workflows to enhance product features and development processes.
- Built complex financial dashboards and data-heavy interfaces with loan management flows, multi-step user journeys, real-time analytics, transaction history, and live financial charts.
- Implemented third-party service integrations and multi-provider authentication with secure connectivity and real-time data synchronization.
- Integrated multiple data sources including Firebase and GraphQL APIs for live dashboard analytics and seamless frontend-backend communication.

Technologies: React, Vite, TypeScript, Firebase, GraphQL, AI models, AI agents, LLM, custom hooks

Frontend Developer - Kontainer (CMS-backed Web Applications and Frontend Migration)

Duration: May 2024 – Sep 2024

Summary:

- Development and migration of CMS-backed web applications using Vue.js and Nuxt
- The project involved upgrading the frontend from Nuxt 1 to Nuxt 3 and improving performance and responsiveness of production-ready interfaces

Responsibilities:

- Built reusable UI component libraries and integrated dynamic CMS content into responsive interfaces.
- Led frontend migration from Nuxt 1 to Nuxt 3, refactoring legacy components and resolving compatibility issues.

- Optimised frontend performance through code splitting, lazy loading, and asset optimisation.

Technologies: Vue.js, Nuxt 1, Nuxt 3, JavaScript, CMS

Frontend Developer - Optimum Partners (Forbes Enterprise Editorial CMS)

Duration: Feb 2024 – Jun 2024

Summary: Contribution to Forbes' high-traffic enterprise editorial CMS, delivering scalable frontend modules and reusable components for editorial and publishing teams.

Responsibilities:

- Developed reusable components and scalable frontend modules using Angular and Material UI.
- Refactored and optimised legacy frontend features ensuring consistent performance across browsers and devices.
- Collaborated with US-based stakeholders and cross-functional Agile teams in sprint ceremonies and production delivery.

Technologies: Angular, TypeScript, Material UI, HTML5, SCSS, REST APIs

Full Stack Developer - Solicy (Fintech and Trading Platforms)

Duration: Sep 2021 – Feb 2024

Summary: Led full-stack development of scalable fintech and trading platforms delivering end-to-end solutions with real-time financial data visualization and AI-powered automation features.

Responsibilities:

- Developed high-performance user interfaces with reusable component libraries, complex dashboards, and real-time data visualisations.
- Designed and maintained secure RESTful APIs with JWT authentication and role-based access control.
- Integrated OpenAI API and financial data providers for AI-powered automation and real-time market insights.
- Built animation-heavy interactive applications using Pixi.js and canvas rendering for smooth UI at 60fps.

Technologies: React, Vue.js, Next.js, Node.js, NestJS, TypeScript, OpenAI API, Alpha Vantage, Yahoo Finance, Pixi.js, REST APIs, JWT

Freelance Frontend Developer - Freelance (Multiple Client Projects)

Duration: Sep 2020 – Sep 2021

Summary: Delivered responsive and reusable UI components for over five client projects, translating Figma designs into production-ready code with a focus on mobile-first responsive design.

Responsibilities:

- Built responsive UI components using React, JavaScript, HTML5, CSS3, Tailwind CSS, and Bootstrap.
- Implemented mobile-first responsive designs with CSS Grid and Flexbox ensuring cross-browser compatibility and pixel-perfect UI.

Technologies: React, JavaScript, HTML5, CSS3, Tailwind CSS, Bootstrap, Figma



EDUCATION

- **Bachelor in Information Security**
Yerevan State University
Until 2021

CERTIFICATION

- **Claude Agent SDK in TypeScript**
CodeSignal
- **Claude Code in Action**
Anthropic Academy
- **Building AI Agents with Custom Tools**
CodeSignal
- **Model Context Protocol: Advanced Topics**
Anthropic Academy
- **JavaScript Development**
Armenian Code Academy
2019 – 2020
- **Prompt Engineering for Developers**
Coursera

