Mels Vagharshyan
Senior Senior Frontend Engineer (React / Next.JS)

SUMMARY

- Senior Frontend Engineer with 6+ years of expertise in React.js, Next.js, TypeScript, and modern frontend architectures, delivering high-performance trading interfaces and blockchain-enabled applications.
- Proficient in state management (Redux Toolkit, MobX), UI frameworks (Tailwind CSS, Material UI), and Web3 integrations including wallet connections and smart contract interactions.
- Led development of scalable crypto exchange platforms with real-time data processing, multi-currency wallet management, and KYC/AML compliance workflows.
- Experienced in Agile methodologies, CI/CD pipelines, and test-driven development using Jest, React Testing Library, and Cypress to ensure robust, maintainable codebases.
- Holds a Bachelor's degree in Information Technologies, with strong skills in backend (Node.js, NestJS), databases (MongoDB, PostgreSQL), and cloud DevOps (Docker, AWS, Azure).

TECHNICAL SKILLS

Main Technical Skills	React (5 yr.), Ext JS (3 yr.), TypeScript (5 yr.)
Programming Languages	JavaScript (6 yr.), TypeScript (5 yr.)
.NET Platform	Azure
JavaScript Libraries and Tools	Babel, Ethers.js (3 yr.), Formik (2 yr.), Mobx (4 yr.), React Hooks (5 yr.), Redux-toolkit (5 yr.), Reselect (5 yr.), RTK-query (3 yr.), Styled components, TanStack Query (3 yr.), Vite (2 yr.), Web3.js (3 yr.), Webpack, yup (2 yr.), Zod (2 yr.), Zustand (3 yr.)
JavaScript Frameworks	Express, Ext JS (3 yr.), NestJS, Node.js, React (5 yr.)
Databases & Management Systems / ORM	MongoDB, PostgreSQL
UI Frameworks, Libraries, and Browsers	Ant Design, Material UI (2 yr.), Socket.io (3 yr.), Storybook (3 yr.), Styled components, Tailwind CSS (5 yr.)
Cloud Platforms, Services & Computing	Azure, Vercel
Amazon Web Services	AWS Lambda
Methodologies, Paradigms and Patterns	Agile (6 yr.), microservices, Scrum (6 yr.)

Collaboration, Task & Issue Tracking	Atlassian Confluence, Jira (6 yr.), Miro, Slack (6 yr.)
Deployment, CI/CD & Administration	CI/CD (6 yr.), GitLab CI
Third Party Tools / IDEs / SDK / Services	ClickUp
QA, Test Automation, Security	Code Review (6 yr.), Cypress, Jest (4 yr.), React Testing Library (4 yr.), Zeplin
iOS Libraries and Tools	Core Motion
Virtualization, Containers and Orchestration	Docker
SDK / API and Integrations	Eslint LinkedIn API
BlockChain and Decentralized Software	Ethers.js (3 yr.), MetaMask (3 yr.), Smart Contract (3 yr.)
UI/UX/Wireframing	Figma
Version Control	Git (6 yr.), Github Actions
Other Technical Skills	Framer-motion, husky, lint-staged, Prettier, WAGMI (3 yr.)

WORK EXPERIENCE

Sr. Front-end Developer - Devinnotech (Cryptocurrency Exchange Platform)

Duration: Dec 2023 - Feb 2026
Summary:

- Development of a secure and scalable cryptocurrency exchange platform supporting high-volume trading and real-time market data
- The platform includes multi-currency wallet management, KYC/AML compliance workflows, responsive trading dashboards, and admin management tools

Responsibilities:

- Led and contributed to the development of scalable web platforms focusing on high-performance user interfaces and real-time systems.
- Developed a high-performance trading interface capable of processing large volumes of real-time order updates with minimal latency.
- Implemented multi-currency wallet management including deposits, withdrawals, and transaction history tracking.
- Integrated KYC/AML compliance workflows ensuring regulatory compliance and smooth onboarding.
- Designed responsive trading dashboards for monitoring balances, order history, and portfolio performance.
- Built admin management tools for user management, liquidity monitoring, and fraud detection with real-time updates.
- Applied security best practices including encryption, two-factor authentication, and cold-storage strategies.

Technologies: React, TypeScript, Vite, MobX, Formik, Yup, Tailwind CSS, Socket.io

Sr. Web Developer - Creatix Technologies (Real-time Poker Game Platform and Decentralized Lottery Platform)

Duration: Mar 2021 - Nov 2023
Summary:

- Led development of real-time gaming and Web3 platforms including a real-time poker game platform and a decentralized lottery platform powered by blockchain smart contracts
- Delivered responsive, immersive multi-device experiences and transparent, provably fair gameplay

Responsibilities:

- Developed a real-time poker game platform with responsive and immersive multi-device experience.
- Built a modular, reusable component system improving UI consistency and development speed.
- Optimized UI performance and rendering efficiency reducing unnecessary re-renders and improving gameplay responsiveness.
- Implemented Redux Toolkit–based state management for player actions, table states, and real-time game events.
- Developed a decentralized lottery platform with blockchain smart contracts enabling transparent gameplay.
- Designed interactive real-time interfaces for ticket purchases, countdown timers, and result announcements.
- Built Web3 wallet connection flows supporting MetaMask, Coinbase Wallet, WalletConnect, and RainbowKit.
- Integrated on-chain transaction workflows including gas estimation, transaction lifecycle handling, and error recovery.

Technologies: React.js, Next.js, TypeScript, Tailwind CSS, Redux Toolkit, Web3.js, wagmi, ethers.js, MetaMask, WalletConnect, RainbowKit

React.js Developer - EPAM Systems (Project Management Platform and Wellnest Guided Wellness & Mental Health App)

Duration: Jan 2019 - Mar 2021
Summary:

- Developed and maintained enterprise web applications including a project management platform for construction teams and a wellness & mental health app
- Focused on scalable frontend architecture, performance optimization, real-time collaboration, and user engagement

Responsibilities:

- Built a project management platform enabling task tracking, timeline management, document collaboration, and real-time team workflows.
- Engineered a type-safe, component-based frontend architecture ensuring scalability and maintainability.
- Implemented efficient data-fetching and caching strategies improving dashboard performance.

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- Optimized UI performance for high-load dashboards using React.memo, dynamic imports, pagination, debounced requests, and lazy loading.
- Developed Wellnest wellness platform supporting mood tracking, journaling, analytics, and personalized recommendations.
- Built modular React architecture with clear separation of concerns and reusable components.
- Implemented real-time synchronization features enabling live updates between user sessions and devices.
- Developed schema-driven forms and validation systems for robust client-side validation.
- Applied atomic design principles and documented components using Storybook.
- Ensured high test coverage using Jest and React Testing Library.

Technologies: React.js, TypeScript, Material UI, MobX, Socket.io, react-hook-form, Zod, Storybook, Jest, React Testing Library

EDUCATION

- **Bachelor's Degree**
  European University of Armenia, Information Technologies
  Present