

Sergiy L.

Senior Senior Full-Stack Engineer

SUMMARY

- 7+ years of experience, specializing in full-stack development with React, Vue, Next.js, Node.js, NestJS, and TypeScript.
- Expertise in architecting dashboards, multi-currency payment forms, and microservices using Prisma, PostgreSQL, and MongoDB.
- Skilled in state management (Zustand, Redux, TanStack Query), real-time data handling (Socket.io, WebSockets), and performance optimization (Redis caching, code splitting).
- Background in test-driven development with Jest, React Testing Library, and Cypress, plus containerization and AWS deployment.
- Skilled in designing role-based access systems and integrating OAuth 2.0, JWT, and complex API workflows in distributed architectures.

TECHNICAL SKILLS

Main Technical Skills	React, Node.js, TypeScript, Vue.js
AI Tools & Assistants	Cursor
Programming Languages	TypeScript
JavaScript Frameworks	Express, Ext JS, NestJS, Next.js, Node.js, React, tRPC, Vue.js
JavaScript Libraries and Tools	Mobx, React Hooks, React Native, React Query, React Router, Redux, Redux-Saga, Redux Thunk, Styled components, TanStack Query, Zod, Zustand
Databases & Management Systems / ORM	MongoDB, MySQL, ORM, PostgreSQL, Prisma, Redis, Sequelize, Typeorm
UI Frameworks, Libraries, and Browsers	Material UI, Socket.io, Styled components, Tailwind CSS, UI
Cloud Platforms, Services & Computing	AWS
Amazon Web Services	AWS API Gateway, AWS EC2, AWS S3
SDK / API and Integrations	API, AWS API Gateway, GraphQL, JWT, OAuth
Deployment, CI/CD & Administration	Axios
Platforms	CRM
File Systems, Storage	CSV

Third Party Tools / IDEs / SDK / Services	Cursor
QA, Test Automation, Security	Cypress, Jest, React Testing Library
Virtualization, Containers and Orchestration	Docker
Mail / Network Protocols / Data transfer	JWT, WebSockets
Methodologies, Paradigms and Patterns	REST, TDD
Other Technical Skills	shadcn/ui

WORK EXPERIENCE

Senior Full-Stack Engineer, Fintech platform

Duration: June 2022 - Present

Summary: Development of a fintech platform including a manager portal, multi-step payment forms, payment gateway integrations, and a merchant CRM system. The platform supports high load transaction dashboards and integrates multiple payment providers to facilitate seamless financial operations.

Responsibilities:

- Architected and developed the manager portal using React and Zustand for state management with role-based access control.
- Built multi-step payment forms supporting multiple currencies and provider APIs with React Hook Form and Zod validation.
- Designed and implemented payment gateway integration layer handling OAuth flows, webhooks, and transaction synchronization using Node.js and Express.
- Developed merchant CRM with Next.js (App Router), server-side rendering, and live transaction feed via Socket.io.
- Created NestJS microservices with Prisma/PostgreSQL and MongoDB for audit logs.
- Implemented server state management with TanStack Query for caching and background refetching.
- Optimized API latency by 45% through Redis caching, query indexing, and cursor-based pagination.
- Styled UI consistently with Tailwind CSS and shadcn/ui component library.
- Achieved over 80% test coverage on payment modules using Jest, React Testing Library, and Cypress.
- Containerized services with Docker and deployed to AWS with S3 for document storage.

Technologies: React, Next.js (App Router), TypeScript, Zustand, TanStack Query, TanStack Table, React Hook Form, Zod, shadcn/ui, Tailwind CSS, Node.js, Express, NestJS, Prisma, PostgreSQL, MongoDB, Redis, Socket.io, Docker, AWS (S3), Jest, React Testing Library, Cypress.



Full-Stack Engineer, ElastX (Payment service provider)

Duration: July 2019 - June 2022

Summary: Development of an internal dashboard and CRM system for a payment service provider to manage merchants and analyze transaction data. The project included real-time transaction monitoring, analytics charts, and a React Native companion app for merchant notifications.

Responsibilities:

- Built internal dashboard in React with custom hooks for data fetching and complex grids with sorting, filtering, and CSV export.
- Created a shared component library using Material-UI and styled-components for dashboard and CRM modules.
- Structured Redux store with feature-based slicing and Redux Thunk for scalable state management.
- Developed payment analytics charts with Recharts showing transaction volumes, merchant KPIs, and revenue breakdowns.
- Shipped React Native companion app for merchant notifications and quick transaction approvals.
- Implemented REST APIs in Node.js/Express with Sequelize ORM for MySQL supporting complex search and aggregations.
- Added real-time updates via React Query polling with WebSocket fallback for live transaction monitoring.
- Maintained Vue.js 2 admin panel with MobX for system configuration and cross-service data synchronization.
- Optimized initial load time by 55% using React.lazy code splitting and route-based chunking.
- Set up JWT authentication with Axios interceptors for token refresh and role-based access control.

Technologies: React, Redux, Redux Thunk, TypeScript, React Query, React Native, Next.js, MobX, Vue.js 2, Node.js, Express, Sequelize, MySQL, JWT, Axios, Recharts, Material-UI, styled-components, Jest.

