

# Suren Gorgoyan

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## SUMMARY

Senior Front-End Engineer with 6+ years of experience designing and building large-scale, high-performance applications across analytics platforms, gaming engines, real-time trading systems, and multi-platform ecosystems. Specialized in data visualization, real-time UI, and application architecture. Strong leadership background with experience mentoring developers, leading front-end initiatives, making technical decisions, and delivering mission-critical software with high performance and reliability.

## WORK EXPERIENCE

### EPAM Anywhere — Senior Software Engineer (08/2022 – Present)

- Architected and led development of a Big Data visualization platform, building advanced interactive dashboards for enterprise analytics.
  - Implemented complex graph and chart components using D3, Cytoscape, and React Flow, capable of rendering millions of nodes and relationships with smooth performance.
  - Built custom algorithms and rendering strategies to efficiently visualize massive datasets without lag.
  - Modernized the build system by migrating to Vite, reducing build and hot-reload times by ~60%.
  - Implemented GA4 with custom reports to measure user engagement and improve product strategy.
  - Mentored developers in visualization best practices, architecture, and performance optimization.
- Tech: React, TypeScript, Redux, React-Query, D3, Cytoscape, React Flow, Vite, Axios, Jest, Sonar, Sentry

### Volo — Software Engineer (07/2021 – 08/2022)

- Led front-end development for a three-platform tool-rental ecosystem (Next.js web app, admin panel, React Native courier app).
  - Designed architecture for the Next.js SSR customer platform, improving SEO and loading performance.
  - Implemented unified state management and API communication across Web, Admin, and Mobile apps.
  - Configured push notifications for iOS and Android, enabling real-time courier and customer updates.
  - Oversaw testing and CI/CD pipelines and led deployments across all platforms.
- Tech: Next.js, React, React Native, TypeScript, Redux, Axios, Jest

### BetConstruct — Software Engineer (12/2020 – 07/2021)

- Developed UI interfaces for online casino mini-games using React, TypeScript, and Pixi.js.
  - Managed asynchronous state and game logic with Redux-Saga.
  - Built performance-critical animations with pixel-perfect synchronization between client and server.
  - Reduced game load times by 35% through asset and rendering optimizations.
  - Wrote unit and integration tests using Jest and mentored junior developers on TypeScript and performance.
- Tech: React, TypeScript, Redux-Saga, Axios, Pixi.js, Jest

### Arssystems — React JS Developer (10/2019 – 12/2020)

- Developed modules for order management and restaurant configuration for a food delivery admin platform.
  - Built infinite-scroll data tables to handle large datasets efficiently.
  - Integrated external payment systems (Stripe, PayPal) for secure payments and refunds.
  - Implemented real-time order status updates using WebSockets.
- Tech: React, Redux, Axios, WebSockets, CSS / Styled Components

### Beaxy — React JS Developer (06/2019 – 09/2019)

- Built dynamic trading interfaces with high-performance rendering for real-time crypto data.
- Integrated WebSocket streams for live prices, order books, and trade updates.
- Implemented secure API communication for trade execution and user portfolio management.
- Optimized charts and tables to handle continuous data streams without UI lag.

Tech: React, Redux, Axios, WebSockets, Styled Components

### LS Innovations — React JS Developer (02/2019 – 06/2019)

- Built responsive UI components for a tourism admin dashboard.
- Implemented CRUD operations using React + Redux and integrated API requests via Axios.
- Ensured 100% responsiveness across all breakpoints.
- Added form validation using React Hook Form for accurate data management.

Tech: React, Redux, Axios, SCSS, Bootstrap

## SKILLS

**Technologies:** React, Next.js, TypeScript, JavaScript (ES6+), Redux, Redux-Saga, React-Query, Axios, SCSS

**Visualization & Real-Time:** D3, Cytoscape, React Flow, Pixi.js, WebSockets

**Mobile:** React Native

**Backend:** Node.js

**Tools & DevOps:** Vite, Git, CI/CD pipelines, Jest, Sonar, Sentry, GA4

**Strengths:** Leadership, mentoring, architecture, technical decision-making, performance optimization

## EDUCATION

Yerevan State University — Bachelor's Degree in High Mathematics (2011 – 2015)

Armenian Code Academy — JavaScript & React Program (2018 – 2019)

## LANGUAGES

Armenian — Native

Russian — Fluent

English — Professional proficiency