

SENIOR FRONTEND ENGINEER

WITH FULL-STACK EXPERIENCE

Amil Mirzayev

React | Next.js | TypeScript | NestJS | GraphQL

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EXPERIENCE

Senior Frontend Developer

02/2024 - Present

2GIS PRO / URBI

Geospatial analytics platform

Tech Stack: React, Next.js App Router, TypeScript, GraphQL, UI Kit, Feature-Sliced Design, Web Workers, Deck.gl, Leaflet, SEO, i18n.

- Owned end-to-end delivery of 4 analytics features (two-level chart grouping, statistics widget, date-based grouping, unit metrics): drove requirements clarification and decomposition, coordinated backend, design and analytics teams, and controlled releases from feature flags to documentation and post-release improvements.
- Rescued a critical analytics flow for a major enterprise customer whose 3M+ point datasets crashed the map visualization — moved heavy processing to Web Workers and introduced clustering and viewport-based rendering, turning a broken flow into a fully usable one.
- Built production-grade Next.js App Router interfaces for map-heavy analytics workflows, from complex filtering and reporting to chart-driven dashboards.
- Led technical discovery for platform role management: aligned product and technical requirements and cut scope by proving a separate admin service and full RBAC model were unnecessary, saving the team redundant infrastructure work.
- Raised frontend maintainability by driving migration to Feature-Sliced Design — eliminating circular dependencies, reducing module coupling and unifying UI Kit components — cutting duplicated code and speeding up feature implementation.
- Built the SEO layer for international rollout — metadata and dynamic sitemap generation for localized public pages, improving discoverability of key product pages.
- Removed a recurring release blocker with AI-assisted localization: Arabic translation turnaround dropped from ~2 weeks (a full sprint) to minutes.

Senior Frontend Developer

02/2022 - 02/2024

Stoloto

High-traffic iGaming platform

Tech Stack: React, Next.js, TypeScript, NX Monorepo, Feature-Sliced Design, PWA, WebView, Framer Motion, Lottie, Redux, Jest.

- Designed and delivered large Next.js features for a high-load B2C lottery platform, where traffic surged roughly 10x during New Year draw peaks — owning frontend architecture, task decomposition and production releases.
- Built a synchronization mechanism for live game-like lottery flows, keeping API requests, incoming draw data and animation timelines consistent without blocking the UI thread.
- Built interactive, animation-heavy gaming experiences (Framer Motion, Lottie) that stayed in production and kept evolving over multiple release cycles.
- Improved production performance through code splitting, lazy loading, SVG/PNG optimization and cross-platform PWA/WebView delivery.
- Mentored through cross-team code reviews across a ~20-engineer frontend group, improving shared patterns, testing discipline and code consistency.

Middle Frontend Developer

09/2020 - 02/2022

Element-soft

Industrial monitoring dashboards

Tech Stack: React, JavaScript, Tailwind CSS, REST API, Server-Sent Events (SSE), RBAC, Maps, Nginx, Unit Testing, E2E Testing.

- Built real-time industrial monitoring dashboards tracking 30–40 vehicles and 60–70 workers per site — live geolocation, speed, fuel level and equipment status streamed via Server-Sent Events onto maps and dashboards.
- Implemented a safety alerting system covering geofence exits, on-site speed violations, sudden fuel drains and worker SOS signals, helping supervisors react to incidents immediately.
- Implemented RBAC workflows for compliance and secure access to employee and equipment data.
- Delivered maps, floor-plan schemes and panorama views for pollution and site-condition monitoring across facilities.
- Improved release reliability through code reviews, unit/E2E testing, API collaboration and Nginx routing/proxy setup.

Full-Stack Engineer

Side Project

Inmap Admin

Indoor navigation platform

Tech Stack: React, Vite, TypeScript, Tailwind CSS, Ant Design, Apollo Client, GraphQL Codegen, NestJS, Prisma, PostgreSQL, S3, Firebase Admin, Sentry, Prometheus, Meilisearch.

- Built the frontend of a full-stack indoor-navigation admin platform (side project) and worked across the stack — extending NestJS/GraphQL services and maintaining the Prisma/PostgreSQL data layer.
- Built type-safe GraphQL contracts with Apollo Client and GraphQL Codegen, reducing integration risk across UI, API and data models.
- Set up platform integrations hands-on — S3 file storage, Firebase Admin, Sentry error monitoring and Meilisearch full-text search — improving debuggability and admin workflows.

ADDITIONAL EXPERIENCE

SUMMARY

Senior Frontend Engineer with 6+ years of experience building complex React and Next.js products, with a strong full-stack background in Node.js/NestJS. Experienced in taking features from product requirements and technical discovery through architecture decisions, implementation and production delivery.

Strong in frontend architecture, system design, REST/GraphQL API design and integration, performance optimization, SEO and release management. Worked across geospatial analytics, iGaming, enterprise data-exchange systems, real-time dashboards and full-stack admin platforms. Maps and real-time data run through this experience — from industrial monitoring dashboards to enterprise-scale geospatial analytics.

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, Vite, Webpack, Tailwind CSS, CSS, SCSS, Redux, Zustand, TanStack Query, Apollo Client, Design Systems, Ant Design, Material UI, Framer Motion, Lottie, D3, Deck.gl, Leaflet, PWA, i18n.

Backend: Node.js, NestJS, GraphQL, Apollo Server, REST API, Prisma, Firebase Admin, S3, Meilisearch, WebSockets, Server-Sent Events (SSE).

Databases: PostgreSQL, MongoDB.

DevOps & Infrastructure: Docker, Kubernetes, Nginx, CI/CD, NX Monorepo, Module Federation, Sentry, Prometheus, Monitoring.

Testing: Jest, React Testing Library, Vitest, Unit Testing, E2E Testing.

Architecture: Frontend Architecture, System Design, Feature-Sliced Design, FSD, API Design, Data Modeling, Performance Optimization, SEO, Scalability, RBAC, Release Management.

LEADERSHIP

Feature ownership, technical planning, architecture decisions, release coordination, cross-functional collaboration with product, backend and QA teams, code reviews across 20+ engineers, frontend mentoring and an internal JavaScript/React course.

EDUCATION

Internet of Things and Cyber-physical Systems 2021 - 2023
ITMO University Saint Petersburg, Russia

Internet Technologies and Programming 2017 - 2021
ITMO University Saint Petersburg, Russia

Diploma:
[diploma.itmo.ru/docs/06A98658C9DC6E976FC2DBCBA0B29EBB](#)

LANGUAGES

Russian - Native
English - Advanced
Turkish - Proficient
Azerbaijani - Proficient

CIT: Led frontend delivery for enterprise data-exchange systems, building reusable UI patterns and complex business workflows for large-scale internal platforms.

Mantera Hotels: Built localized Next.js booking platforms with reusable components and performance improvements across multiple brand websites.

IMPRINT: Built an Electron desktop application, admin panel and documentation site with React, TypeScript, GraphQL/Apollo, Docusaurus, Jest and Puppeteer.