

Tatiana Arbuz

Frontend Engineer · System Design, Scalable Frontend Architecture, Reliable Integrations

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Profile

Frontend Engineer with 5 years of commercial experience building scalable web applications using React and Next.js (App Router, TypeScript). Strong focus on architecture (Feature-Sliced Design), performance optimization (SSR/ISR), and predictable state management (Zustand, Redux Toolkit).

Full-stack background (NestJS, Laravel) and DevOps experience (Docker, GitLab CI) enable me to design reliable integrations and deliver stable, maintainable systems end-to-end. I value clarity, system thinking, and long-term maintainability.

Core Skills

Frontend: React 18, Next.js (App Router, SSR/ISR), TypeScript, Zustand, Redux Toolkit, SWR

Architecture: Feature-Sliced Design (FSD), modular systems, server-first data workflows

UI & Styling: Tailwind CSS, MUI, Styled Components, ApexCharts, responsive UI

Integrations: REST API, Webhooks, NestJS, Telegram Web Apps, Keitaro API

Testing & Quality: Jest, React Testing Library, Storybook, ESLint/Prettier, Lighthouse

DevOps & Tools: Docker, Git, GitLab CI/CD, Agile/Scrum, Product Mindset

Experience

Frontend Engineer (Project Work) — DMZ Home Construct

Jul 2025 – Sep 2025 | Remote

- Designed and implemented a headless architecture using Next.js App Router + Payload CMS v3.
- Replaced cascaded client-side requests with a unified server-first resolver layer.
- Implemented ISR and granular cache invalidation using tag-based revalidation.
- Built a modular page-loading system that enabled declarative content management without developer involvement.

Tech stack: Next.js (App Router), TypeScript, Payload CMS, Tailwind CSS

 **Achievements:** Automated content workflows, reduced manual operations, and improved reliability of marketing campaigns. Enabled non-technical staff to manage content without developer support.

Frontend Engineer — CPABOX (SaaS Platform)

Sep 2022 – Jun 2025 | Remote

- Designed the frontend architecture ensuring consistent API contracts and UI behaviour.
- Introduced Zustand for predictable state management across modules.
- Developed and optimized analytics dashboards (ApexCharts) integrated with Keitaro API.
- Built a Telegram Web App and a NestJS backend service for WHOIS monitoring and domain sync.
- Improved UI consistency and maintainability by refactoring MUI components and restructuring theming architecture.

Tech stack: React, TypeScript, NestJS, Zustand, MUI, ApexCharts, Telegram Web Apps

 **Results:** Improved performance and data processing stability for high-load dashboards. Delivered maintainable UI systems that reduced onboarding time for new engineers.

Full-Stack Developer — Remotza.tech (Outsource)

Dec 2021 – Jun 2022 | Remote

- Built REST APIs and third-party integrations using Laravel.
- Collaborated with the UI team on Vue.js components.
- Optimized data structures and caching in PostgreSQL and Redis.

Tech stack: Laravel, Vue.js, PostgreSQL, Redis

 **Results:** Improved reliability of backend services and reduced data latency through optimized caching. Delivered stable integration modules used across multiple client projects.

Full-Stack Developer — AOPSRM (NGO)

Jun 2020 – Sep 2021 | Remote

- Designed and built a custom CMS from scratch using Laravel + React.
- Set up CI/CD pipelines (GitLab + Docker) ensuring predictable deployments.

Tech stack: React, Docker, Laravel, GitLab CI/CD.

 **Results:** Delivered a fully functional multilingual CMS “turn-key”, enabling the organization to publish content independently and maintain communication without external developers.

Education

Russian University of Cooperation Major: Business Accounting & Finance

My background in finance helps me design more accurate business logic, metrics, and reporting structures in complex web systems.

Portfolio

-  [arbuz.buzz](#) — Projects, interfaces, case studies

-  [GitHub](#) — Code samples, demos