

VLADYSLAV PILKEVYCH

FRONTEND ENGINEER

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React/TypeScript Engineer building performance-critical fintech and biometric applications. 4+ years delivering scalable frontend systems in regulated environments where stability and security are non-negotiable. Led UI refactoring initiatives, introduced release-gated e2e testing, and improved reliability of core user flows. Strong focus on architecture, performance optimization, and production readiness.

HARD SKILLS

Core Technologies: React, TypeScript, JavaScript (ES6+) **Frontend ecosystem:** Next.js, CSS, Tailwind, Bootstrap

Data & State: GraphQL, TanStack Query, Redux **Tooling:** Vite, Webpack, Turborepo (Monorepo), Storybook

Deployment & DevOps: GitLab CI/CD, Vercel, Render, MinIO, Kubernetes **Testing:** Playwright, CI integration

Backend Exposure: Node.js (Express), REST/GraphQL APIs, JWT/OAuth2, Stripe.js (Google / Apple Pay integration)

EXPERIENCE

Innovatrics (Biometric), **Frontend Engineer**

Oct 2024 - Present

- Refactored a tightly coupled legacy biometric UI spanning 4 applications within a shared monorepo into a modular React component architecture, reducing cross-module duplication and feature implementation time by ~20%.
- Designed and published a **shared internal package** encapsulating verification domain logic, enabling reuse across multiple applications and standardizing state management patterns.
- Introduced Playwright end-to-end tests for critical identity verification flows and integrated them into CI, preventing regressions before release.
- Optimized a performance-sensitive identity verification page (capture → validation → result) by reducing redundant GraphQL requests by ~33%, improving TanStack Query caching, and minimizing unnecessary re-renders, accelerating new data load time by ~27%.
- Collaborated with backend engineers to refine API contracts and clarify edge cases in biometric verification scenarios, improving release reliability in production environments.
- Drove frontend code quality initiatives by enforcing strict TypeScript standards and reviewing complex changes across shared modules.
- Collaborated with QA team to redesign Playwright e2e test architecture, introducing shared fixtures and reusable helpers that reduced test implementation time by ~60% and improved maintainability.

Softec (Banking), **Frontend / Full-Stack Developer**

Jan 2023 - Oct 2024

External development team for Slovenská Sporitelňa (one of the largest banks in Slovakia)

- Improved automated **test coverage** across core banking modules (~15% increase) and integrated tracking into CI to increase release confidence.
- Investigated and resolved production incidents in collaboration with backend engineers, tracing issues from UI to API layer.
- Implemented secure, regulation-compliant form flows for online banking services, helping reduce user input errors and improve data consistency.
- Optimized Redux-based state management and data-fetching flows in banking dashboards, reducing unnecessary re-renders and improving state update efficiency by ~10%.
- Refactored legacy UI components to standardize state handling patterns and reduce inconsistent logic across modules.

DanIT (e-shops), **Intern Frontend Developer**

Jul 2021 - Dec 2022

- Built responsive UIs (HTML/CSS → React) and implemented JWT-based authentication.
- Integrated frontend with Node.js/Express APIs, including Stripe checkout (Apple/Google Pay).
- Worked in sprint-based workflow with Git, code reviews, and basic CI setup.