

Volodymyr Forfutdinov

TECHNICAL LEAD & PRODUCT ENGINEER

Frontend Architecture · Platform Engineering · React · TypeScript · Node.js · AI-Assisted Engineering
Open to senior IC / tech lead roles · Europe · Remote, hybrid or on-site

Location: Budapest, Hungary · EU work authorization (CEST)

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SUMMARY

Technical lead and product engineer: React and TypeScript for 8 years, Node.js and GraphQL on the backend, Angular on the most recent back-office platform. I own the whole loop — product scope, architecture, delivery, and the build and test infrastructure underneath it.

Led teams of five at Develux, GlobalLogic and EPAM Systems while staying hands-on; at Develux combined technical leadership with product ownership for a platform serving 5,000+ end users, shipping every 3–7 days.

In 2026 shipped two products solo — a React Native + Next.js + Supabase travel-safety app and an open-source macOS utility — end to end, from architecture to store release.

KEY RESULTS

- 2–3 days → ~2 hours per month — moved payout processing for the finance team from spreadsheets into the platform, replacing manual copy-paste with in-product payment entry; scoped and delivered as tech lead + product owner (Develux)
- 5 → 2 engineers, codebase halved — decommissioned two user-facing roles from a role-based Angular monolith once their standalone replacements shipped, leaving a lean admin-only platform; three of the five engineers I led were freed up for other product lines (Develux)
- 1 week → 1 day — completed Angular 17 → 19 migration using an AI-assisted fix–verify–refine workflow (Develux)
- 15–20 min → 5–7 sec — reduced webpack hot reload after repairing a failed build migration (GlobalLogic)

EXPERIENCE

Lead Frontend Engineer · Product & Platform

Independent

04/2026 – present

Independent product engineering after 7 years in lead roles at Develux, GlobalLogic and EPAM. Two products shipped end-to-end while looking for the next senior IC / tech lead role.

Travel Safety — offline-first mobile product for emergency and consular information while travelling, since 04/2026. Live in the App Store and Google Play.

- End-to-end platform: React Native (Expo) app, Next.js admin, PostgreSQL/Supabase backend, offline synchronization, LLM-assisted data pipeline
- Deterministic-first data pipeline: rules resolve at least 60% of records before any model call; a locally hosted LLM handles the rest against grounded sources
- Backend secured with row-level security, isolated service roles, granular permissions and mutation auditing

TypeScript, React Native, Expo, Next.js, React, Supabase, PostgreSQL, SQLite, Playwright, Zod

reLayout — open-source macOS utility that corrects wrong keyboard layout, since 06/2026.

- Platform-independent input conversion engine based on physical key positions — any installed layout without layout-specific character maps
- Automated macOS distribution: code signing, notarization, Sparkle updates, Homebrew releases, 12 localizations

Swift, AppKit, GitHub Actions

Frontend Technical Lead / Product Owner

Develux

09/2024 – 04/2026

Frontend lead on an Angular back-office platform used by 30 operations specialists across three core workflows serving 5,000+ end users.

Led five engineers as both technical lead and product owner: owned frontend and API requirements, delivery planning, architecture and release quality on a Kanban flow shipping every 3–7 days.

- Moved payout processing from spreadsheets into the platform: designed the workflow with the finance team, shipped it, and cut monthly manual effort from 2–3 days of copy-paste to ~2 hours of payment entry
- Ran the Angular 17 → 19 upgrade as an agent-assisted workflow: one day, against the week my own manual upgrade had taken
- Decommissioned two user-facing roles from the role-based Angular monolith after their standalone replacements shipped, leaving an admin-only platform in the Nx monorepo: codebase halved, faster builds, smaller bundles, three of five engineers freed up for other product lines
- Migrated development and production builds to esbuild, improving cold-build and hot-reload performance
- Took unit-test coverage from 5–7% to 35% on Jest and Vitest
- Shipped large changes behind GrowthBook feature flags with a fast rollback path, and surfaced customer-facing experiment assignments in the admin so operators could see which variant each customer was in

Angular, React, TypeScript, Nx, esbuild, Storybook, Jest, Vitest, GrowthBook

Lead Software Engineer

GlobalLogic

03/2022 – 08/2024

Frontend lead on React administration tools for a ticketing and event-management platform operating at 300–1,000 requests per second during peak periods under a 99.9% uptime SLA. Led a frontend team of five; owned architecture, build tooling, engineering quality and delivery across the administration surface.

- Diagnosed and repaired a failed webpack 5 migration, reducing hot-reload time from 15–20 minutes to 5–7 seconds
- Optimized webpack configuration and introduced esbuild, improving build performance and reducing bundle size
- Reworked the CSS Modules architecture and corrected timezone-aware calendar and date-picker behavior across event types

React, TypeScript, webpack, esbuild, Sass, CSS Modules, Jest

Lead Software Development Engineer

EPAM Systems

01/2019 – 02/2022

Technical lead across React, Node.js and GraphQL enterprise engagements, combining frontend architecture, API design, delivery planning and team leadership.

Ran a React and Apollo GraphQL proof of concept for an enterprise transformation, negotiated technical requirements directly with the customer, and managed containerized deployments.

Frontend and GraphQL API layer across three enterprise engagements:

- Built React components integrated with GraphQL and Salesforce Interaction Studio for retail personalization
- Developed the GraphQL API layer for an ML-based insurance risk-scoring service using AWS AppSync and Cognito
- Migrated an enterprise storefront to React and Adobe Experience Manager with Magento GraphQL and Jest coverage

React, Redux, TypeScript, Node.js, GraphQL, Apollo, AWS AppSync, Cognito, Azure DevOps, Docker, Kubernetes, Jest

Senior Full-Stack Developer

Svitla Systems

04/2018 – 12/2018

Full-stack on React and Node.js. Delivered two client products in parallel over nine months:

- Built React and Node.js features for a retail location service integrated with Google Maps
- Developed and tested Node.js (Express) and browser components for flight aggregation and aircraft cabin planning on MongoDB and Redis, with containerized delivery through Docker Swarm

React, Redux, Redux-Saga, Node.js, Express, MongoDB, Redis, Google Maps JavaScript API, Docker Swarm, Mocha

Full-Stack & DevOps Engineer

Freelance

05/2017 – 04/2018

Independent consulting on two client products, full-stack and infrastructure:

- Blockchain payment service, 01/2018 – 04/2018 — designed and delivered to production in 4 months: architecture, Node.js API gateway, Vue.js customer portal, transaction queue, access controls, Redis caching and payment provider integration
- Customer-support platform, 05/2017 – 01/2018 — owned CI/CD and AWS infrastructure end to end through a 9-month monolith-to-microservices migration, building the pipelines and deployment tooling; partnered directly with US-based stakeholders, including an on-site visit for requirements workshops and rollout planning

TypeScript, Node.js, Vue.js, MongoDB, Redis, AWS CloudFormation, Jenkins, Groovy, Docker, Kubernetes

Earlier Experience

Multiple employers

2005–2017

Started as a web developer at W3 Ukraine, progressed to Markup Team Lead, then Head of Training — designed the curriculum, ran candidate selection, and mentored 50+ junior developers through a structured program.

Delivered single-page applications across private cloud, medical analytics, geolocation, browser gaming and e-commerce at EPAM Systems, DAXX, Sigma Software, Svitla Systems.

Travelled to client sites for discovery and requirements workshops, agreeing scope with stakeholders face to face.

SKILLS & STACK

Core: React, TypeScript, Node.js, Next.js, React Native, Redux, GraphQL, Jest, Vitest, Playwright, webpack, esbuild, Sass, CSS Modules

Strong: Angular 17–19, Expo, PostgreSQL, Supabase, Nx, Storybook, GrowthBook, Tailwind CSS, TanStack Query, Zod, Docker, GitHub Actions

AI-assisted engineering: Claude Code and Codex in production workflows — agent orchestration, subagent delegation, context isolation, custom hooks and safety gates, long-running review/fix loops, local models (Ollama)

Focus: product ownership, frontend architecture, developer experience, performance, testing, technical leadership

Also worked with: Swift, AppKit, Vue.js, Kubernetes, AWS, Azure DevOps, MongoDB, Redis, SQLite, Turbopack, XState, Deno, Mocha, Jenkins

EDUCATION

Bachelor's Degree in Computer Science, 2007

National Aerospace University — Kharkiv Aviation Institute

LANGUAGES

- English: Professional working proficiency
- Ukrainian: Fluent
- Russian: Native