Dmitry Zablotsky

Senior Full-stack Engineer · TypeScript · React · Node.js · PostgreSQL
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zablotsky.dev · github.com/OtecSergij
Open to remote work or relocation to Cyprus or elsewhere in the EU

Summary

Senior Full-stack Engineer with 6+ years of production TypeScript: React since 2020, full-stack with Node.js and PostgreSQL since 2024. At Yandex: Node.js services, batch pipelines, React SSR, on-call; took an LLM news-monitoring service and a publication-planning calendar from requirements to production. Two live products built solo (reviewer.zablotsky.dev, tame.day/demo).

Skills

Programming languages: TypeScript, JavaScript
Frontend: React, Next.js, server-side rendering (SSR), PWA, Vite, React Query, Zod, CSS Modules
Backend and data: Node.js, Express, REST APIs, PostgreSQL, Prisma, Drizzle ORM, Redis, S3-compatible object storage, Server-Sent Events (SSE)
Tooling and AI: Docker, GitHub Actions (CI/CD), Testcontainers, Prometheus, Vercel AI SDK, LLM integration

Experience

Senior Full-stack Engineer · Yandex · Aug 2024 – Present
Marketing and SEO infrastructure for Yandex Verticals (Auto.ru, Realty, Travel, Arenda); since April 2026, on the marketing team of Auto.ru, one of Russia's largest car classifieds sites.
Full-stack: React UIs, Node.js services and batch pipelines in TypeScript, PostgreSQL, monitoring and on-call.

- Built an LLM news-monitoring service for the Auto.ru newsroom and other teams as tech lead and sole engineer: it triages up to 1,000 articles a day from 22 sources and saves dozens of hours of manual monitoring and ~$2,000 in agency fees a month
- Built a publication-planning calendar for 4 editorial teams solo, from scratch to production; it replaced Asana for the core editorial teams
- Designed and built an idempotent Node.js batch pipeline that turns listing photos into slideshow videos for Yandex Direct ads, now in production
- Took on-call shifts for 10 production services, traced 5xx errors and out-of-memory crashes to root causes, and added PostgreSQL query timeouts to keep hung queries from piling up
- Built features for the team's ad-feed platform (~250k live offers), SEO tooling and the editorial backend for 10 Yandex media products
- Reworked SEO markup on 11 page types and made listing details, seller profiles and dealer contacts crawlable by rendering them server-side in React
- Mentored an intern through to a full-time offer

Senior Frontend Engineer · Innotech · May 2023 – Jul 2024
Fintech software vendor. Product: Sfera.Releases, the release-management module of an enterprise DevOps platform that scaled to ~20k daily users at a large bank.

- Joined the team at the 2023 launch and built the release-lifecycle UI in React and TypeScript
- Built the frontend for workflow orchestration on Netflix Conductor from scratch; dozens of workflows went into production
- Contributed reusable components to the platform's shared UI library

Frontend Engineer · Joom · Sep 2021 – Mar 2023

Riga-based cross-border e-commerce marketplace, 25M MAU.

- Built the React and TypeScript frontend of the in-house ticketing system that handled 1,000+ tickets a day for a 300-person support team
- Built the frontend of the internal admin platform used by 20+ product teams

Frontend Engineer · BI.ZONE · Jun 2020 – Sep 2021

Cybersecurity vendor.

- Shipped React and TypeScript UIs for the company's security products, including an incident-monitoring system
- Owned the frontend of an incident-response documentation portal end to end; security analysts wrote the content

Projects

AI PR Reviewer · Live · Solo · Open source

reviewer.zablotsky.dev (no signup) · github.com/OtecSergij/ai-pr-reviewer

- Reviews public GitHub pull requests: a multi-step tool-calling agent reads the repository and streams findings linked to exact lines on GitHub
- Findings carry file and line ranges, not quoted code: the server slices the real lines from the diff, so a hallucinated quote cannot reach the page
- Provider failover across three models hands the transcript to the next one, so a review resumes instead of restarting
- Per-IP sliding-window rate limiting in one Redis Lua script that fails open, so a Redis outage never takes the site down

Stack: Next.js, Vercel AI SDK, PostgreSQL, Redis, Drizzle ORM, Testcontainers

Tame the Elephant · Live · Solo · Installable PWA · Works offline · English and Russian

tame.day/demo (one-click demo, no signup)

- Self-discipline PWA built on Jonathan Haidt's elephant-and-rider metaphor: habits earn points and temptations cost them, so points work as a currency, not a score
- Points ledger in PostgreSQL with a balance invariant and per-user advisory locks, so the same points cannot be spent twice
- 400+ integration tests run in CI against a real PostgreSQL, including race tests that fire parallel requests at the ledger
- Design system built from scratch on CSS Modules and design tokens, with hand-built React charts and no component or chart library

Stack: React, Express, Prisma, PostgreSQL

Languages

Russian: Native · English: B1 (intermediate)