STANISLAV KRIVTSOV
Full-stack developer
WEB & Mobile

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Objectives

Developer with 2.5+ years of production experience building a real-time, data-intensive SaaS platform in the macroeconomic analytics domain. Strong focus on scalable frontend architecture, complex data visualization, and clean TypeScript development. Background in finance and project management, bringing analytical thinking and business awareness into web and mobile software engineering.

Education

École 42 / Association 42
2021 – 2026 | Paris, France

- IT Architecture Expert (RNCP 7 39774, Bac+5) - Feb 2026
- Applications Software Developer (RNCP 6 39783, Bac+3) - Oct 2025
- Web & Mobile App Development (RNCP 6 36135, Bac+3) - Nov 2024

National Research University "Higher School of Economics"
2005 – 2011 | Moscow, Russia

- Master's degree in Project Management (2009-2011)
- Bachelor's degree in Strategic Management (2005-2009)

Related Work Experience

Full-stack Developer
QuantCube Technology
Permanent contract (CDI)
Sept 2023 – present
Paris, France

Designing and developing a large-scale SaaS platform for real-time visualization of 40+ macroeconomic Big Data indicators used by financial institutions and analysts:

- Contributed to the frontend architecture of a modular, domain-driven React / Next.js app.
- Built advanced interactive data visualizations (charts, heatmaps, geospatial maps) using ECharts and Mapbox GL
- Integrated GraphQL APIs with optimized client-side caching (TanStack Query)
- Implemented centralized state management using Zustand
- Developed reusable UI components based on Radix UI and Tailwind CSS
- Implemented role-based access control and authentication flows (NextAuth.js)
- Delivered data export features (PDF, Excel, CSV)
- Contributed to product analytics (PostHog) and performance monitoring (Datadog RUM)
- Implemented 50+ unit and E2E automated test scenarios using Jest and Cypress
- Participated in CI/CD workflows (Docker, AWS ECR, Bitbucket Pipelines)

Tech stack & Tools: TypeScript, React, Next.js, GraphQL, Zustand, TanStack Query, ECharts, Highcharts, Mapbox GL, Tailwind CSS, Jest, Cypress, Docker, AWS, Bitbucket, Figma, Cursor IDE

Related Engineering Training & Personal Projects

C/C++, OCaml Developer
École 42
Feb 2021 – Feb 2026
Paris, France

Completed an intensive peer-to-peer engineering program (3000+ hours) focused on low-level programming, strengthened understanding of memory management, multithreading, algorithms, data structures and software design fundamentals:

- DeezeRoom - Collaborative Music Platform - Built a cross-platform mobile application (React Native / Expo) with real-time collaborative events, music voting & playlists
- OCreet - Developed an OCaml web-based simulation game using functional programming and client-side concurrency concepts, quadtree collision detection client-side monadic concurrency
- Implemented a simplified version of the Linux strace utility in C (system call tracing, process management)
- Developed C++98 template container implementations (Vector, Map, Set, Stack)

Tech stack and Tools: C, C++ (C++98), React Native, OCaml, Expo, UNIX, PostgreSQL, Firebase, Sockets, Vercel, Git, VSCode

Previous Work Experience

- **Analyst in Business Efficiency Dep.**
  OJSC "Russian Railways"
  2016 – 2020 | Moscow

- **Project Manager in Network Development Dep.**
  PJSC "VimpelCom" (VEON Russia)
  2014 – 2015 | St. Petersburg

- **External Auditor**
  LLC "Ernst & Young"
  2011 – 2013 | Yekaterinburg

Languages

- English: fluent
- Russian: native speaker
- French: pre-intermediate
- German: beginner level