



# STANISLAV KRIVTSOV

## Full-stack developer

WEB & Mobile

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Paris, France

### 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 & 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