

BORIS BORSUK

SENIOR FRONTEND ENGINEER · FRONTEND ARCHITECT · TECH LEAD

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01 PROFESSIONAL SUMMARY

Frontend engineer who starts with the **business problem**, not the ticket. **A decade in React and TypeScript** - hands-on with engines, design systems, and the layer between the UI and the network, with cross-stack reach into **Node.js, Python, GraphQL, PostgreSQL and MongoDB**. Led full cross-functional teams (FE/BE/Design/PM/QA), mentored ~100 engineers, took MVPs from 0→1 and shipped platforms serving hundreds of thousands. Built and scaled both consumer-facing and B2B products across **streaming, fintech, healthcare, enterprise tools and internal platforms**. I write the code; I also push back on the spec when the problem behind it isn't clear.

02 CORE COMPETENCIES

REACT & TYPESCRIPT AT SCALE	FRONTEND ARCHITECTURE	PERFORMANCE OPTIMIZATION
DESIGN SYSTEMS & COMPONENT LIBRARIES	VIDEO & STREAMING (HLS, SERVICE WORKERS)	
CROSS-FUNCTIONAL TEAM LEADERSHIP	FULL-STACK DELIVERY (NODE.JS, PYTHON)	AI-ASSISTED DEVELOPMENT

03 WORK EXPERIENCE

Confidential B2B Streaming Platform

2024 - Present

SENIOR FRONTEND ENGINEER / CYPRUS

- Transformed the frontend from an MVP into a production-ready platform serving hundreds of thousands of users at peak; modular architecture across a 6-engineer team.
- Built and owned a shared package ecosystem used across 8 repositories - two independently versioned npm packages working **cross-framework** (React + Vue).
- Implemented lazy video loading - cut time-to-interactive from **80s to 9s**, raised page-load completion **+25pp**.
- Built an A/B feature flag system on **ClickHouse + Grafana**; winning strategy **+12%** target action completion and **-20%** infrastructure cost.
- Automated package deployment end to end (~4 h → near-zero errors); HLS / hls.js work expanded platform reach **+20%** and eliminated ~300 ms clip-transition freezes.

STACK TypeScript · React · Next.js · Vue.js · Node.js · Python · HLS / hls.js · Service Workers · ClickHouse · Grafana · CI/CD

Game Greed

2022 - 2024

TECH MANAGER · SENIOR FRONTEND ENGINEER / GEORGIA

- Built and led a cross-functional team of **8** (FE, BE, Design, UX, PM, QA); established spec-driven delivery from scratch.
- Built a QA data-generation tool - cut testing time **80%**; tens of thousands of records in seconds where one manual record had taken 1+ hour.
- Designed Steam-based user verification used by tens of thousands of users - **-50%+** implementation time, **+40%** user trust.
- Built an internal operations platform - user management + real-time monitoring (Node.js, Express, MongoDB, Recharts).
- Delivered a fully functional MVP in **1 month**, helping secure **\$500K** in VC funding; contributed to tokenomics and white paper.

STACK React · Node.js · Express · MongoDB · Recharts · React Table · SWR

TEAM LEAD · SENIOR FRONTEND ENGINEER / RUSSIA

- Designed a scalable frontend architecture for maintainability and onboarding velocity.
- Created and documented a **Storybook** UI component library of ~35 components used by 4 engineers - **+25%** feature delivery speed.
- Built a GitLab CI/CD pipeline from scratch with Lint, Husky, Bash and Docker.
- Introduced SonarQube static analysis - bugs reduced **30%**.

STACK React · Storybook · GitLab CI/CD · Docker · SonarQube · Husky

AndersenLab

2019 - 2021

TEAM LEAD · SENIOR FRONTEND ENGINEER / POLAND

- Delivered a frontend-heavy enterprise application with React, Redux, Redux-Saga and **Ant Design**.
- Designed and implemented a recursive tree component for complex data visualization from a Figma prototype under tight deadlines.
- Mentored 10 junior and mid-level engineers (~100 mentored across career).
- Expanded UI test coverage with **Jest and React Testing Library** - bugs reduced **20%**.
- Integrated Hygen code generation - UI boilerplate time cut **90%**.

STACK React · Redux · Redux-Saga · Ant Design · Jest · React Testing Library · Hygen

Simulation Laboratory · Kronshtadt · Zenmoney

2016 - 2019

FRONTEND ENGINEER - EARLIER ROLES / RUSSIA / ESTONIA

- **Simulation Laboratory** - built a dynamic graph aggregation algorithm rendering **4,000-10,000 nodes** by zoom level (**+3x** performance); React + Apollo GraphQL applications; migrated codebase to React Hooks (+30% readability).
- **Kronshtadt** - WPF desktop applications + web interfaces (JavaScript, HTML, CSS); C# XML parser significantly improving data-processing speed.
- **Zenmoney** - vanilla JavaScript (ES5/ES6), HTML and CSS web interfaces.

STACK React · Apollo GraphQL · JavaScript (ES5/ES6) · HTML · CSS · C# · WPF

04 SELECTED PROJECTS**AI UI-Asset Platform****NEXT.JS · FASTAPI**

Full-stack platform where users generate, version and publish reusable UI assets. Owner-scoped CDN key minting, anti-CSRF, P0 broken-access fix; Sandpack-isolated code preview; GitHub Actions → GHCR → Docker CI/CD.

05 EDUCATION**Saint Petersburg State University**

2012

06 RECOGNITION

Mini Jame Game #26 / 1st place, Theme Implementation - 6th overall

C# · Unity

07 SKILLS

FRONTEND	TypeScript · React · Next.js · Vue.js · Redux · Redux-Saga · Apollo Client · GraphQL · WebSockets · SWR · Recharts · React Table · Ant Design · Storybook · Web Components · Tailwind CSS · Bun · Sandpack
BACKEND & DATA	Node.js · Express · Python · FastAPI · PostgreSQL · MongoDB · REST · GraphQL
SECURITY	OAuth2 · JWT · CSRF protection · Access control · Code execution isolation · Short-lived credentials
MEDIA / PERFORMANCE	HLS · hls.js · Service Workers · FFmpeg workflows · Lazy loading · Event-driven architecture · Shared private npm packages · Multi-repository package delivery
TESTING / QUALITY / DEVOPS	Jest · React Testing Library · Playwright · SonarQube · Docker · docker-compose · AWS · DigitalOcean · GitLab CI/CD · GitHub Actions · GHCR · nginx · Cloudflare · Husky · Hygen · Bash · Linux
AI-ASSISTED DEV	Claude Code · MCP orchestration · Playwright MCP · agent skills
ADDITIONAL	C# · WPF · Figma · Unity · Technical specifications · Team leadership · Mentoring · QA tooling
LANGUAGES	Russian (native) · English (professional) · French (conversational)