# VASILII SKOVORODIN

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Lead Frontend Engineer, CTO of an RWA tokenization platform, with 5+ years in engineering and 2+ years leading as CTO. Owns frontend architecture and delivery end to end: performance, SSR/SEO, CI/CD, quality standards. Practices AI-driven development in production: shipped a mobile marketplace where agents wrote 100% of the code while I owned architecture, task decomposition and review. Mentors engineers, raises the bar through code reviews, and turns delivery into something predictable. Also a founder, so business trade-offs and delivery pressure are familiar from both sides of the table.

## Key Outcomes

- **Took an RWA tokenization platform from zero to production as CTO**: architecture, team, release process and quality bar. One multi-tenant SSR codebase serves every tenant, with configuration resolved per tenant on the server.
- **Turned releases into a routine step**: built the CI/CD workflow that cut deploy time from 20 to 3 minutes, so the team ships small and often instead of batching risk.
- **Brought 2 engineers to mid-level** through 50+ code reviews and a shared component library that cut UI delivery time by ~30%.
- **Shipped 4 products to production solo or near-solo**, covering payments, compliance and marketplace economics. SWAP was built with 100% AI-written code and is live with paying users.
- **Replaced a 3-person lead qualification team with an AI agent** that handles the full qualification flow and costs the company about half of one employee, roughly 6x cheaper than the team it replaced.

## Leadership & Ownership

- Own technical direction for production platforms, from greenfield builds to legacy modernization.
- Align roadmap and tech-debt priorities with Product and QA so milestones land when promised.
- Designed an AI-driven delivery workflow: agents implement, test and review; a human owns architecture, scope and release gates.
- Founder experience on both sides: market sizing, investor materials, pre-seed preparation, unit economics.

## Core Skills

**Frontend:** TypeScript, JavaScript, Vue 2/3, Nuxt 3/4, Pinia/Vuex, React, React Native, TailwindCSS, SCSS

**Backend:** Node.js, NestJS, PostgreSQL, Supabase, Valkey/Redis, REST, WebSockets, GraphQL, queues
**AI delivery:** AI-native development with Claude Code agents; multi-agent pipelines for implementation, tests and review; task decomposition and human review gates; a production app built with zero hand-written code
**AI in production:** conversational lead-qualification agent replacing a 3-person team; LLM photo moderation under $0.001 per item; LLM classification pipelines; image try-on; cost control per request; AI disclosure by design (EU AI Act Art. 50)
**Architecture:** scalable UI systems, multi-tenant SSR, design systems, migration planning, refactoring strategy
**Delivery/DevOps:** CI/CD (GitHub Actions, GitLab CI), Docker, Kubernetes, Cloudflare, Nginx, Coolify
**Quality:** code reviews, mentoring, Vitest, Jest, Playwright, Cypress, Lighthouse CI, Sentry, SonarQube
**Product/Business:** go-to-market, market sizing, investor materials, payments and compliance
**Integrations:** Stripe, YooKassa, CryptoBot, TonConnect, Firebase

## Work History

### Lead Frontend Developer / CTO

*Tokenizer.Estate, Real Estate Tokenization | Dubai, UAE (Remote) | May 2024 - Present*

- Own frontend architecture and technical direction for an RWA tokenization platform built from scratch on Nuxt 3 + TypeScript.
- Designed the multi-tenant SSR architecture: per-tenant configuration resolved server-side with tenant-scoped caching.
- Established SSR/SEO and performance practice reaching 90+ Lighthouse; diagnosed and fixed an SSR event-loop bottleneck found through wrk load testing.
- Built the CI/CD and release workflow (GitHub Actions + Coolify), improving delivery speed 20m → 3m.
- Set the quality bar through 50+ code reviews; mentored 2 engineers to mid-level; introduced a component library (~30% faster UI delivery).
- Aligned frontend roadmap and tech-debt priorities with Product and QA; delivered predictable milestones.

### Senior Frontend Developer

*2UIT, Moscow | August 2023 - May 2024*

- Owned delivery of complex data-heavy UI (100K+ rows) using virtual scrolling, lazy loading and performance patterns.
- Designed and executed the migration plan Vue 2 + Vuex → Vue 3 + Pinia with zero downtime.
- Improved load performance by 60%; shipped real-time charting for 2K+ daily users.

### Middle Frontend Developer

*Itransition Group, Remote | January 2023 - August 2023*

- Increased test coverage from 15% to 70%; stabilized legacy Vue components through refactoring.
- Contributed to the UI library and built 12+ responsive components; added vue-i18n for 5 locales.

### Frontend Web Developer

*buzz.ai, Remote | January 2021 - December 2022*

- Migrated jQuery → Vue on surfaces with 50K+ monthly traffic, reducing frontend bugs by ~70%; integrated Telegram/WhatsApp APIs.
- Introduced UI regression testing with Cypress, cutting post-release issues by 35%.

## Products & Ventures

### SWAP

*Co-founder, product & engineering | hyperlocal clothing exchange, swapswap.ru | team of 2*

React Native · Vue 3 · Python/FastAPI · PostgreSQL · Claude Code

- Live in the app stores with real users and first payments; grew from a Kazan exchange to a shop feed covering all of Russia.
- Built AI-first: 100% of the code was written by Claude Code agents through a multi-agent pipeline for implementation, tests and review. I owned the architecture, task decomposition and review gates; zero lines written by hand.
- Shipped LLM features in the product: photo moderation at under $0.001 per listing and outfit try-on on the user's own photo.
- Designed the product end to end: exchange mechanics, points economy, onboarding, plus audience research mapping 13 adoption barriers that drove a full repositioning.
- Solved monetization architecture against Apple Guideline 3.1.1 and Russian payment constraints: YooKassa on Android/RuStore, a Telegram bot as the iOS payment channel.

### KOYCH.ME

*Solo founder | coaching marketplace*

Nuxt 4 · NestJS 11 · PostgreSQL · Valkey · Socket.IO

- Built and operate the entire platform solo: frontend, backend, database, infrastructure and deploys.
- Owned go-to-market alongside the build: market sizing, investor materials, pre-seed preparation, marketplace payments and data-protection compliance.

### Anna

*Solo | AI lead-qualification agent for real estate developers*

- Fully replaced a team of 3 human lead qualifiers; runs the whole qualification conversation and hands sales a ready lead.
- Costs the client about half of one qualifier's salary, roughly 6x cheaper than the team it replaced.
- Built on Meta's Messenger Platform with AI disclosure in the first message, designed for EU AI Act Article 50.

### Meta Ads campaign orchestrator

*Solo*

NestJS · Kubernetes

- Rule-based budget allocation across live ad campaigns; five deterministic rules, no model in the decision path.

## Education

### Higher Education, Microelectronics, Electronic Equipment & Devices

*Kostroma State University, Russia | 2016*

## Languages

English C1 · Russian native · Spanish A1