

Nikolay Savelev

Full-Stack Engineer (Ruby on Rails, Node.js, Vue.js)

Minsk, Belarus -> Remote-first or EU Relocation (open to all locations) · niksav108@gmail.com · [LinkedIn](#)

SUMMARY

Full-Stack Engineer with 6+ years building end-to-end systems in Ruby on Rails, Node.js, and Vue.js. Backend specialist in distributed architecture, frontend experience in real-time features. Led Web3 marketplace from concept to production, reducing infrastructure costs while scaling to 3K+ concurrent sessions.

SKILLS

Languages: English (professional), Norwegian (A2), Russian (native)

Programming: Ruby, JavaScript (ES6+), TypeScript

Frameworks: Ruby on Rails, Node.js, Express

Frontend: Vue.js (primary), Slim, Haml, React.js (familiar)

Testing: RSpec, Jest, Cucumber

Data & Messaging: PostgreSQL (primary), Redis, Sidekiq, BullMQ, RabbitMQ, MySQL (familiar)

DevOps & Observability: Docker, Grafana, AWS (S3), Prometheus, CI/CD (GitLab CI), Nginx, Kubernetes

Concepts: Modular monoliths, microservices, load balancing, performance & security hardening,

RESTful APIs/RPC/GraphQL, WebSockets, OAuth/JWT, SLOs/monitoring

Tools: Metabase, pgAnalyze

WORK EXPERIENCE

Full-Stack Engineer, Node.js

08/2024 – Present

Remote

Web3 Digital Asset Marketplace

- Architected a distributed data aggregation platform across 15 nodes, increasing parsing throughput by 6x to sustain 3,000+ concurrent browser sessions.
- Reduced infrastructure costs by 50% by engineering a custom Weighted Round Robin load balancer, eliminating CPU throttling across high-performance worker nodes.
- Built a high-throughput payment processor handling 400k+ daily ledger events, featuring real-time balance control and automated SLA monitoring via Grafana.
- Decoupled Control and Data planes into dedicated microservices, isolating client-facing APIs from heavy processing nodes to ensure 99.9% system availability.
- Designed a Redis-based rate limiting system to prevent fraud and offload hot-path checks from PostgreSQL, stabilizing performance during traffic spikes.
- Optimized captcha integration service with Nginx routing, slashing latency from 5s to 300ms (16x improvement) for critical user flows.
- Mentored 2 junior engineers through structured code reviews and pair programming, accelerating their transition to independent contributors.

Node.js, PostgreSQL, Express, Redis, RabbitMQ, BullMQ, Docker, Jest, Nginx, AWS S3, Grafana, Prometheus.

Full-Stack Engineer, Ruby on Rails

07/2021 – 08/2024

Remote

InSales.com – Leading E-commerce platform serving 10k+ businesses

- Led a technical debt initiative for messenger integrations, achieving 95% test coverage and reducing support tickets by 90% for 1,000+ active merchants.
- Stabilized p95 latency on endpoints querying 30M+ record tables via SQL tuning and Sidekiq async offloading, reducing error rates by 30%.
- Shipped the "Reviews & Questions" module end-to-end, integrating the Wildberries API to expand storefront functionality and centralized moderation tools.
- Modernized the WhatsApp microservice (CoffeeScript to TypeScript), implementing clustered workers that doubled user engagement and throughput.
- Developed an internal Skill Matrix tool to optimize sprint planning and clarify ownership, significantly reducing onboarding time for new hires.

Ruby on Rails, Vue.js, PostgreSQL, Sidekiq, Redis, GraphQL, RSpec, Docker, Kubernetes, GitLab CI, Grafana, Prometheus, Node.js, TypeScript.

Junior Full-Stack Engineer, Ruby on Rails**08/2020 - 07/2021**

- Reduced background processing latency by 10% by implementing Sidekiq job sharding to eliminate queue bottlenecks.
- Revamped the Admin Onboarding UX using Vue.js, resulting in measurable improvement in customer time-to-value.
- Awarded 1st Place in company-wide Bugathon (40+ developers).

Ruby on Rails, Vue.js, PostgreSQL, Sidekiq, Redis, GraphQL, RSpec.

EDUCATION**Entrepreneurship College No. 11, Moscow****09/2016 - 07/2020**

Associate Degree, Computer Networks Technology

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