

Yuri Sidorov

Senior Software Engineer / Full Stack Developer

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SUMMARY

Seasoned Software Engineer with 15+ years of experience in building scalable web and mobile applications. Ruby on Rails specialist with strong full-stack capabilities. Excels at decomposing complex projects, creating comprehensive roadmaps, and ensuring successful execution. Proven track record of remote collaboration across multiple time zones. Adept at thriving in both fast-paced startup environments and large-scale enterprise projects. Integrates passions like travel, music, and art with work to drive social impact, expand expertise, and enhance global connections through shared experiences, enabled by technology.

SKILLS

- Backend Development: Ruby on Rails, Sinatra, Python, PostgreSQL, MongoDB, Redis, Elasticsearch, Solr, RabbitMQ, Kafka
- Frontend Development: JavaScript (ES6+), TypeScript, Hotwire, Turbo, Stimulus, Tailwind, iOS (Swift, SwiftUI)
- API Development: RESTful APIs, Grape, GraphQL, OpenAPI/Swagger, WebSockets, Third-party integrations (Zapier/Stripe)
- DevOps & Tools: Git, CI/CD, Docker, git-hooks, GitHub Actions, CircleCI, Jenkins, RSpec, Minitest, AWS (EC2, S3), Heroku
- AI & Machine Learning: GPT integration, AI-powered applications
- Project Management: Roadmapping, Agile/Scrum, Kanban, JIRA, Trello, Confluence, Documentation
- Design: Figma, Adobe (Photoshop, Illustrator, InDesign, Premiere Pro, After Effects)

EXPERIENCE

Senior Software Engineer | Click Funnels (Remote)

June 2022 - February 2024

- Architected automatic API documentation tools for a Rails monolith supporting 236,000+ websites with \$1B+ annual sales.
- Constructed 100+ robust APIs and Zapier integrations, increasing third-party connectivity by 40%.
- Fortified comprehensive automated testing and deployment safeguards, slashing critical bugs by 75% and deployment failures by 90%.

Ruby Backend Engineer | Evrone (Remote)

April 2021 - June 2022

- Contributed to transforming a Rails monolith into microservices for a nationwide real estate registry system.
- Optimized database performance for 200M+ records, reducing query times by 60% while ensuring regulatory compliance.
- Implemented automated testing strategies, cutting bug reports by 50% and improving system stability.

Software Engineer | National Digital Education Platform (Hybrid)

October 2018 - April 2021

- Created scalable web services and APIs processing 20TB of educational content daily for a nationwide learning platform.
- Upgraded and extensively refactored the system from Ruby 2.4 and Rails 4.11 to Ruby 3.0 and Rails 6.1, writing comprehensive test suites to ensure a seamless transition for end users.
- Executed advanced database query optimizations and caching strategies to handle unprecedented user growth from 300,000 to 10 million users in 3 weeks during the COVID-19 crisis, maintaining system stability throughout.

Full Stack Developer | Freelance (Onsite & Remote)

September 2004 - Present

- Delivered 50+ high-performance web applications across diverse industries including news, education, finance, and art.
- Organized and volunteered at numerous tech conferences, that gained widespread media coverage, attracting industry leaders and fostering a thriving professional network.
- Specialized in client negotiations and project scoping, achieving a 95% client satisfaction rate and 80% repeat business.

NOTABLE PERSONAL PROJECTS

AI Form Fill | JS Frontend & API Backend Developer

aiformfill.com

- Developed a browser extension using ChatGPT to automate web form completion, reducing fill time by 90%.
- Established secure authentication protocols and designed a versatile API proxy system for AI services integration.

Capitalismo | iOS App Developer

capitalismo.app

- Launched a personal finance iOS app using Swift and SwiftUI, maintaining a perfect 5-star rating on the App Store.
- Designed an algorithm to predict financial wealth, providing users with more accurate long-term financial projections.

Traveltrack | iOS App & API Backend Developer

- Engineered an innovative algorithm for precise travel tracking, automatically distinguishing and logging significant travel experiences while filtering out routine movements and brief stops.
- Introduced an intelligent system that predicts potential meetups with friends based on travel plans, suggesting optimal routes and enhancing social interactions during users' journeys.

OPEN SOURCE CONTRIBUTIONS

- **Bullet Train Framework**: Core team member automating API and OpenAPI documentation creation.
- **jbuilder-schema**: Authored a gem automating API documentation generation, reducing documentation time by 99% and ensuring real-time synchronization with code changes.
- **RRule Swift Package**: Created the fastest and most efficient recurring event calculation library for iOS/macOS.

EDUCATION

Bachelor's Degree in Automatization of Control in Technic Systems, Moscow State Mining University, 2004

LANGUAGES

English (Fluent), Russian (Native), Spanish (Conversational)