Yuri Sidorov
Senior Software Engineer / Full Stack Developer

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SUMMARY

Seasoned Software Engineer with 15+ years of experience crafting scalable web and mobile applications. Ruby on Rails specialist with strong full-stack capabilities. Excels at breaking down complex projects, creating roadmaps, and ensuring successful execution. Proven remote collaborator across time zones, thriving in both startup and enterprise environments. 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)