

Konstantin Shabanov

Software Engineer

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I am a software engineer, experienced in producing accessible, easy to use web sites, APIs and applications. As a Ruby developer I have more than 5 years experience and have contributed to more than 30 projects on Github including JRuby, rails, mongoid, grape, sequel and others. I always pay attention not only to producing maintainable, readable and test-covered source code, but to stable and predictable delivery process and app production monitoring. In addition I have a lot of experience working remotely.

Skills

Programming Languages Ruby. Also familiar with: Rust, Clojure, Haskell, Java
General Linux, SQL, Docker, Redis, memcached, Ansible, REST APIs, Git, RabbitMQ, nginx

Experience

- Oct. 13 – Present **Backend developer/DevOps**, *SPB TV*, Saint Petersburg / Remote.
I was responsible for developing next-gen mobile TV platform and specifically:
- dev process organization and painless code delivery
 - REST API for mobile apps / web sites
 - platform provisioning and deployment system using Docker and Ansible
 - extracting parts that could be isolated into self-running services
 - code reviewing
- Keywords:** JRuby, Grape, rspec, Ansible, Docker, PostgreSQL, RabbitMQ, TorqueBox, Redis, Memcached, profiling, scalability, metrics, GitHub flow
- Apr. 12 – Aug. 13 **Backend developer**, *IZITEQ*, Saint Petersburg.
I worked on mobile audio guide project from its start in a 4-6 developers team. I was responsible for backend services, such as API (Sinatra), background processing service (Sidekiq-based application) and CMS (Rails). The whole system was splitted to many small self-deployable applications.
Had experience with extraction queues in independent (Clojure prototype and JRuby app) apps integrated with shared Sidekiq's Redis.
Keywords: MRI, JRuby, Sinatra, Rails, Sidekiq, rspec, capistrano, redis, elasticsearch, PostgreSQL, AWS (S3, SQS, Route53, EC2), GitHub flow
- Feb. 11 – Apr. 12 **Web developer**, *Devmen*, Remote.
I worked on a secret project based on JRuby. It is client-server application. Sinatra-based (<http://sinatrarb.com/>) API server covered by rspec tests. Workers based on sikuli for automatisation (<http://sikuli.org/>) and packetfu for sniffing. Simultaneously I helped with improving code quality, architecture and performance tuning on some other projects of the company. Previously in this remote job with a small 3 person team, I worked developing a CRM (Customer Relationship Management) SaaS application from scratch using Rails 3. The team communicated through Skype and the Unfuddle bug tracking system.
Keywords: JRuby, MRI, Rails, Rspec, capybara, jQuery, sphinx, PDF generation
- Aug.10 – Feb. 11 **Web developer**, *OpenTeam*, Tomsk, Russia.
I worked with a medium sized team (7 people) on several Rails projects.

- Aug.08 – Oct. 10 **System administrator**, *Regional education development center*, Tomsk, Russia.
Administrated several Linux servers (lighttpd, nginx, pure-ftpd, samba, openldap, iptables and other stuff).
- Apr.08 – Aug. 08 **System administrator**, *Department of Housing and Communal Services*, Tomsk, Russia.
Administrated several Linux/Windows servers (apache, ActiveDirectory, iptables).
- Aug.05 – Feb. 09 **Co-founder**, *Entertainment project*, Tomsk, Russia.
Founded one of the most popular regional entertainment blog system monetized by selling advertising space.

Noticeable Open Source contributions

- JRuby Mostly worked on improving sockets library support. *Pull requests list*.
oxblood Wrote fast and simple ruby redis client. *Repository*.

Languages

- English professional working proficiency
Russian native

Education

- 2006 – 2011 **Bachelor of Engineering and Technology**, *National Research Tomsk Polytechnic University*, Tomsk, Russia.