

# Mikhail Klimenko

## Software Engineer

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I'm a developer with Engineers Degree in the computer systems software and 16 years of hands-on experience in developing comprehensive software including 3 years of a Ruby backend development.

I adore getting over the problems. I believe the supreme form of pleasure is finishing something you've worked on really-really hard. Feeling part and being heavily involved into project is essential to me.

### Main Skills

|                |                  |            |
|----------------|------------------|------------|
| Ruby on Rails  | Linux            | Git        |
| RSpec          | PostgreSQL       | CI / CD    |
| Sidekiq/Resque | Sidekiq / Resque | TeamCity   |
| ERB / Slim     | RabbitMQ         | Gitlab     |
| HTML / CSS     | Redis            | Docker     |
| REST API       | Elasticsearch    | Kubernetes |
|                | Clickhouse       |            |
|                | Nginx            |            |

### Education

**Engineer's Degree at specialty "The software of computer aids and the automated systems"**  
*Moscow Engineering Physics Institute, Russia*

### Experience

**2016-10 – present** **Ruby on Rails Back-end Developer**  
*Onlinetours.ru*

- Maintained legacy-rich Ruby on Rails monolith application with 80k+ LoC in a multi-tier software environment as a part of an agile fully-remote software team
- Daily use of Ruby on Rails, Roda, PostgreSQL, Elasticsearch, Redis, Clickhouse, RabbitMQ, Sidekiq, Docker, Kubernetes, Git
- Supported rich REST APIs for the internal and external user
- Ensured high code quality with RSpec tests, TDD and automatic documentation generation
- Constantly worked on overall project's reliability, performance, speed, and resources consumption reduction with extensive use of tools like Kibana, NewRelic, Honeybadger, Sentry, Prometheus
- Planned, designed and implemented new features and services for clients and partners in close cooperation with stakeholders
- Helped other team members by mentoring junior developers, sharing knowledge and reviewing pull requests
- Created open source QiwiPay payment service bindings for Ruby (qiwi-pay gem (<https://rubygems.org/gems/qiwi-pay>)) and some more open source gems

**2016** **Freelance programmer (part-time, remote)**

- Helped customer to plan and implemented new features of commercial real estate sale and rent bulletin board application
- Design and implement commercial vehicles lease and sale bulletin board application
- Use of Ruby on Rails, PostgreSQL, Elasticsearch, JavaScript, jQuery, Bootstrap

**2015** **Contractor programmer**

*Vesnik Information Systems Ltd, Nicosia, Cyprus (part-time, remote)*

- Implement dynamic interface generation for ERP system
- Use of Delphi, DevExpress VCL, PostgreSQL



**2004-10 – Instrumentation Systems Engineer**

**2016-10** *Federal State Unitary Enterprise "MAYAK" Production Association*

- Enhanced water pump station instrumentation system with interactive display and report abilities (Windows, MasterSCADA, Linux, HTML, JavaScript, jQuery)
- Simplified company's computer equipment accounting processes by developing specialized software (Windows, Delphi, SQL Server)
- Renovated nuclear facility's distributed instrumentation and alarm system's hardware and software (Linux, C++, Qt, Python, LINTER DBMS)

**2003-08 – System administrator**

**2004-09** *South Ural State University (Ozersk division)*

- Local area network and computer hardware maintenance
- Windows domain administration
- Linux-based internet access server administration

**2002-09 – System administrator and web developer**

**2003-05** *Astra LLC*

- Maintained high availability rates of dial-up services
- Webs development (HTML, CSS, Perl, PHP)

## Code samples and OSS contributions

- `qiwi-pay gem` (<https://github.com/OnlinetoursGit/qiwi-pay>)
- `yajl-rest` – streaming JSON arrays parser (<https://github.com/michaelkl/yajl-rest>)
- `formtastic-fake_input` – fake input class for Formtastic ([https://github.com/michaelkl/formtastic-fake\\_input](https://github.com/michaelkl/formtastic-fake_input))
- `Several fixes to clickhouse gem` (<https://github.com/archan937/clickhouse/pulls?utf8=%E2%9C%93&q=is%3Apr+author%3Amichaelkl>)
- `capistrano-delayed-job monit process groups support` (<https://github.com/capistrano-plugins/capistrano-delayed-job/pull/7>)
- `Several fixes to openSUSE Open Source Event Manager` (<https://github.com/openSUSE/osem/pulls?utf8=%E2%9C%93&q=is%3Apr+author%3Amichaelkl>)
- `nanoc-gzip-filter` edits (<https://github.com/GregOnNet/nanoc-gzip-filter/pull/1>)
- OpenStreetMap mapping (<https://www.openstreetmap.org/user/michaelkl>)
- Code Abbey profile ([http://www.codeabbey.com/index/user\\_profile/michaelkl](http://www.codeabbey.com/index/user_profile/michaelkl))
- HackerRank profile (<https://www.hackerrank.com/michaelkl>)

