Semen Molokanov
Senior Ruby developer

molokanovcv@yandex.com

Summary

I am a software developer since 2008, started as a programmer of desktop applications for Windows and some years ago switched to web-development. Throughout this time I participated in the development of several large and complex IT products such as CRM system for media holding, trading platform for healthcare industry and marketing platform. My key areas of interest include design and development of scalable and high-load applications, effective and bug-free backend services, databases and their optimisation.

I do all my best to add value to a product and to support other team members. I am a self-motivated developer and able to solve complex problems on my own. I am striving to expand my professional expertise and skillset to keep up to date with technology.

Stack of technologies

```
Ruby, Ruby on Rails, PostgreSQL, Amazon Redshift, Redis, Apache Spark,
Kafka, Git, nginx, Unicorn, Puma, Docker, JavaScript, ReactJS, Rspec.
Agile development, TDD/BDD practices. UNIX.
```

Experience

SINCE 02.2018 SENIOR SOFTWARE DEVELOPER, KLARA, GERMANY
Secure messaging platform for healthcare industry. Ruby on Rails, React.

11.2017 – 02.2018 RUBY DEVELOPER, DISTRIBUSION, GERMANY
Bus tickets platform. Ruby, Kafka.

- Migration of a booking application from Sinatra to Rails 5.1
- Implementation of a low-latency service with shared business data (30ms of response time)

07.2015 – 11.2017 SENIOR DEVELOPER, MYNEWSDESK, GERMANY
International PR and marketing platform. Ruby on Rails.

- REST API for frontend and inter-services communication
- Data analytics setup - aggregation of data from multiple sources, storage optimisation and integration of reporting tool (Apache Spark, AWS API Gateway and Kinesis, AWS Redshift)
- Vast contribution to the technical design and implementation for most of the project features implemented within my team
- Bulk of the work to platform upgrade: Ruby from 2.2 to 2.3, Ruby on Rails from 3.2 to 4.0 and Rspec from 2.x to 3.0

05.2014 – 04.2015 WEB DEVELOPER, FREELANCE

Trade platform for healthcare industry, mobile application API. Ruby on Rails, Grape.

- Integration with head office database and suppliers` applications
- Complex business logic for searching products in legacy database
- REST API for mobile application

07.2013 – 12.2014 WEB DEVELOPER, MEDIA HOLDING «ABAK-PRESS», EKATERINBURG, RUSSIA

Web-based CRM system. Ruby on Rails.

- CRM system business logic, with focus on facilitating the work of managers
- Integration with other applications in IT department
- Click-to-call service based on Asterisk and WebSockets highly integrated to business processes
- Tools for reporting and data marts generation

01.2009 – 07.2013 SOFTWARE DEVELOPER, SEO SPECIALIST, FREELANCE AND OFF-HOUR WORK

Various Internet projects development and management.

- Search engine optimisation of clients` and own Internet projects
- SEO and SMM consultancy

03.2008 – 02.2013 SOFTWARE DEVELOPER, «CONTROLSTYLE» LTD, EKATERINBURG, RUSSIA

Desktop applications for SEO specialists. Delphi.

- Market trends and needs analysis
- Applications' design and development: architecture, GUI, business logic
- Unit testing and technical documentation
- Users' technical support and consultancy

Languages

Russian native
English proficient
German basic

Education

2002 – 2008 THE URAL STATE UNIVERSITY NAMED AFTER A.M. GORKY, EKATERINBURG, RUSSIA

Diploma in Physics

Education in the fields of solid state physics, low temperature physics and computer physics. Computer modelling of physical processes. Programming real time application.