



# Semen Molokanov

## Senior Ruby developer

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### 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 or trading platform for healthcare industry. Currently I work as a Senior Ruby on Rails Developer of PR 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, Apache Spark, PostgreSQL, Amazon Redshift, Git, nginx, Unicorn/Puma, JavaScript, ReactJS, Rspec. Agile development, TDD/BDD practices. UNIX.

### Experience

#### SINCE 07.2015 SENIOR DEVELOPER, MYNEWSDESK, GERMANY

International PR and marketing platform. Ruby on Rails.

- REST API for frontend and inter-services communication
- Data analytics pipeline setup - aggregation of raw data from multiple sources, storage optimisation and integration of reporting tool (Apache Spark, Amazon API Gateway and Kinesis, Amazon Redshift, Chartio)
- 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.