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, PostgreSQL, Amazon Redshift, Git, nginx, Unicorn/ Puma, JavaScript, ReactJS, Rspec, Capistrano and various Ruby gems. Agile development, TDD/BDD practices. Asterisk. 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 (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 upgrade 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.