



# Semen Molokanov

Web developer

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## Summary

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I am a software developer with eight years experience in programming. My experience in Ruby on Rails is three years. Throughout this time I have participated in several complex and challenging projects such as CRM system for media holding and trade platform for healthcare industry with a focus on smart data analysis.

Currently I work for the company Mynewsdesk in the position of senior developer. 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

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Ruby, Ruby on Rails, PostgreSQL, JavaScript, ReactJS, Rspec, Capistrano, nginx, Unicorn/Puma, Sidekiq, Redis, git, Unix, Asterisk, Agile development, TDD/BDD practices.

## Experience

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### **Senior developer, [Mynewsdesk](#)**

Jul 2015 - Present, 10 months

International PR and marketing platform. Ruby on Rails.

- Solved critical business problem related to the application search. Reconfigured the misusage of Solr search engine for text attributes and changed it to PostgreSQL full-text search.
- Made a vast contribution to the technical design and implementation for most of the project features implemented within my team.
- Switched YAML parser from Syck to Psych during ruby upgrade to 2.2.3 without downtime and data loss.
- Performed bulk of the work to upgrade Rails version from 3.2 to 4.0 and RSpec from 2.x to 3.0.

Achievements: since I joined Mynewsdesk, my team became the most productive one in the company based on the latest release.

### **Web developer, Freelance**

May 2014 - Apr 2015, 11 months

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

- Developed integration with head office database and suppliers' applications.
- Implemented complex business logic for searching products in legacy database.
- Built API for mobile application.

Achievements: successful startup.

## **Web developer, Media holding «Abak-press»**

Jul 2013 - Dec 2014, 1 year 5 months

Web-based CRM system. Ruby on Rails.

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

Achievements: reduced expenses and increased productivity of managers daily business, high customers satisfaction and continuous successful functioning of the system.

## **Software developer, SEO Specialist, Freelance**

Jan 2009 - Jul 2013, 4 years 5 months

- Various Internet projects development and management.
- Search engine optimization of clients' and own Internet projects.
- SEO and SMM consultancy.

Achievements: high customer satisfaction, increased the clients' sales level and brand recognition.

## **Software developer, ControlStyle**

Mar 2008 - Feb 2013, 4 years 11 months

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.

Achievements: over 15,000 licenses of the programs were sold on Russian market, product launch on European market is planned in the future.

## Languages

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**Russian** native speaker

**English** proficient

## Education

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### **Physics, Diploma, The Ural State University named after A.M. Gorky, Ekaterinburg, Russia**

Sep 2002 - Jul 2008

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