Semen Molokanov
Senior Software 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 after that switched to web-development. 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

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

Since 11.2018 Tech Leader, Klara Gmbh, Germany

Secure messaging platform for healthcare industry. Ruby on Rails, React.

- Application architecture planning
- Code review and technical consultancy
- Technical interviews

02.2018 - 10.2018 Senior Software Developer, Klara Gmbh, Germany

Secure messaging platform for healthcare industry. Ruby on Rails, React.

- Performance optimisations - database, app code, cache
- Security audit
- REST API implementation

11.2017 – 02.2018 Ruby Developer, Distribusion, Germany

Bus tickets platform. Ruby, Kafka.

- Lead developer on low-latency master-data service

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

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.

- 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.