

Georgy Buranov

Georgy Buranov CV

About me

Brief

- Full name : Georgy Buranov
- Job title : Senior Software Developer
- Area of interest : Accepting interesting Ruby on Rails, Go and C++ offers
- Homepage : <http://gburanov.me>
- LinkedIn profile : <http://www.linkedin.com/in/gburanov>
- Stackoverflow profile : <https://careers.stackoverflow.com/cv/edit/270418>
- Github profile : <https://github.com/gburanov>

Contact information

- Country : Germany
- Address : Sewanstraße 5, 10319 Berlin
- Birthdate : 22.08.1981
- Nationality : Russian. Got German working permit
- Open for reallocation : Yes (if the offer is REALLY interesting)
- Phone : +49 1523 663 2480

Summary

I worked as a C++ software developer for a very long time, but now I decided to switch to web backend (currently Ruby/ROR)

I still beleive in compiled & static typed languages, so I see future in languages like Go/Skala.

More than 11 years of commercial software development for Europe or US established companies. Working for both software (Quest Software, Acronis, Avira, Wimdu) and non-software (Reuters) companies. Working for both companies

that create their own solutions (Acronis, Quest Software, Avira, Wimdu) and outsource (Reuters).

Working experience in two countries with different cultures - Russia and Germany

Ability to work on all three main platforms, although at home I use Ubuntu as desktop OS and OSX as laptop OS.

Ability to create, understand and implement design specifications. Ability to solve complicated problems.

Ability to quickly understand new code and start contributing without significant delay.

Knowledge of agile methodologies.

Git advanced mode. Experience of using GIT in advanced mode (branches, merges, cherry-picking, etc). Understanding of github pull request process.

Good communicative skills. Every day communicating with English-speaking management.

Working with huge amount of legacy code.

Open-source experience (Chromium browser, GRUB2, etc...). Ability both to understand existing design and to contribute to the open-source (sometimes by finding golden middle)

Ability to work in team. Wide experience in using collaborative software; repositories, bug tracking systems, review systems.

Ability to automate routine jobs.

Wide use of automated testing (unit tests, functional tests, integration tests, acceptance tests). Unit testing of legacy code.

Career History

Wimdu : Oct 2015 - Now

Senior Ruby Developer : Berlin, DE

Responsibilities:

- Mobile Api, Affiliate Api
- Supporting mobile API projects (fixing bugs, extending API)
- Affiliate API project - start from scratch
- Docker/Puppet deploy
- Measuring statistics using Kibana

Knowledge:

- Getting familiar with AWS stack
 - Trying to do micro-service approach
 - Testing approaches for microservices
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Freelance : May 2012 - Oct 2015

Backend Software developer, Team manager : Russia, Germany

Responsibilities:

- Working on projects backend alone from beginning to the very end
- Projects maintaining
- Details (as well as source code) are available upon request

Knowledge:

- Ruby
 - Rails
 - Automated Testing (rspec, capybara)
 - Tons of gems
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Avira : Nov 2014 - Oct 2015

Software Engineer, Browser Project : Tettnang, DE

Responsibilities:

- Browser based on Chromium
- Starting new project completely from scratch
- Creating project environment (build tools, scripts, documentation)

Knowledge:

- Working with really HUGE amount of legacy code
 - Ability to inject your code in correct place in quite small amount of time
 - Advanced GIT (merging to constantly developing open-source and back)
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Avira : Sep 2013 - Nov 2014

Unix and Mac software developer : Tettnang, DE

Responsibilities:

- Avira Rescue System (Ubuntu based system for rescue booting and restoring your OS)
- OsX version of Avira products
- Responsible for maintaining (and writing new code) for kernel extension (driver)

Knowledge:

- Agile software development approach
 - Legacy code unit tests coverage
 - New code unit test coverage
 - Working with GIT
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Acronis : Aug 2008 - May 2013

**Software Developer, Senior Software Developer, UEFI project :
Moscow, RUS**

Responsibilities:

- Investigation of new booting mechanism (UEFI)
 - Fix “Bootability restore” module for UEFI
 - UEFI loader
 - Understanding, documentation and coding of UEFI boot mechanism for both Windows and Linux
 - Multiplatform solution
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Acronis : Aug 2008 - May 2013

Software Developer, Senior Software Developer, Bootability detect/restore : Moscow, RUS

Responsibilities:

- Detecting/restoring different OSes bootability (different Linux versions, Windows)
 - Bootability investigation (all levels, from MBR to kernel loading)
 - refactoring + maintaining code
 - Multiplatform solution
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Acronis : Aug 2008 - May 2013

Software Developer, Senior Software Developer, Fdisk project : Moscow, RUS

Responsibilities:

- Fdisk library has about the same functionality as Linux fdisk. It is the base core library of all Acronis products
- Support + new functionality for fdisk library
- Code documentation

- Maintenance of LDM, MBR, GPT libraries
 - Implementing Storage spaces support (new Windows 8/2012 feature)
 - Multiplatform solution
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Acronis : Aug 2008 - May 2013

Software Developer, Scheduler project : Moscow, RUS

Responsibilities:

- Multiplatform scheduling service for starting tasks (backups, verification, etc.) at special timepoint
 - Multiplatform development&debugging (Windows, Linux, Mac)
 - Module for task scheduling, based on cron (Linux), LaunchAgent (Mac) and Windows Service (Windows)
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Allied Testing : Jan 2007 - Sep 2008

Software Developer, Reuters project :

Responsibilities:

- Reuters got a huge platform for dealing with different finance aspects Reuters 3000 Xtra.
 - We were responsible for Calculators plugin. It was calculating market values using predefined templates.
 - Every day connecting to Paris office
 - Huge amount of code supporting
 - Working with bank software (more security and code check)
 - Invention of unit testing (JUnit library)
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Quest Software (now part of Dell) : May 2005 – July 2006

Software Developer, Recovery Manager for Exchange :

Responsibilities:

- Designing Object-Oriented library for Jet Blue Engine.
- CRUD API for working with Exchange store (Read, Write, Update, Delete)
- Layer over the library – for using with managed code.
- Reading messages from store without Exchange Server (No-SQL Jet Blue Database)

Knowledge:

- -Studying design patterns -OO libraries from scratch.
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Axensis Moscow : Dec 2003 – May 2005

Software Developer, Auditor project, IIS collection module :

Responsibilities:

- Developing GUI using Qt
- DB Storage modification (SQL, C#)
- Integration with other modules using COM
- Collection IIS information
- Improvement of special language for collection (in short, C++ code generation language, based on XML, XSLT)

Knowledge:

- My first job as a software developer.
 - Learning STL, Boost, Qt.
 - Working with SVN, bug tracking system.
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Logrus : Jul 2002 – August 2003

QA :

Responsibilities:

- Manual (70%) and Automated (30%) testing.
- Logrus was responsible for localization of huge software projects, like Microsoft Windows and Lotus Notes

Knowledge:

- Working for not full time in a big company I gained knowledge of different processes going on in big companies
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MEPHI 26 department : Sep 2002 – Feb 2004

Software developer :

Responsibilities:

- Payment module for car detection system. It was used for some time on several car stations
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Skills

Operation systems

Windows:

Wide experience (from Windows95 to Windows8) , Good knowledge of Booting mechanism , Good knowledge of disk management

Linux:

Wide knowledge (mostly Ubuntu, Fedora) , Good knowledge of Booting mechanism , gdb , Scripting (ability to automate tasks)

OSX:

Wide experience (from OSX 10.7) , Writing kernel extensions experience

Collaboration tools**Repositories:**

Git (including github) , SVN , CVS

Messengers:

Hipchat , Flowdock

Web-based repositories:

Github , Bitbucket

Bug tracking systems:

TrackIt , Clarify , Bugzilla , Jira , Redmine

Code review systems:

Code collaborator , Github pull requests

Full stack solutions:

Atlassian stack (Jira, Bamboo, Stash, Confluence)

Programming Languages**Wide experience (more than 10 years):**

C , C++ (including C++11)

Moderate experience (from 2 to 5 years):

Ruby (including Ruby on Rails) , Python

Learning now:

Rust , Go

Basic experience:

Java , C# , Javascript (including jQuery, AngularJS, React)

IDE:

Atom.io , Vim , Eclipse , RubyMine

Programming styles**OOP:**

C++ , C# , Java , Ruby , Good knowledge of design patterns

Functional programming:

C++ (templates) , Haskell , Clojure (basics)

Dynamically typed languages:

Ruby , Javascript , Python

Web**Frameworks:**

Wide use of Ruby on Rails

Microservices:

Separate deploys (docker) , Communication channels , Small teams

OS stack technologies**Wide experience:**

Win32API , Unicode , COM , ATL , Jet Blue Engine , Hard Drives Partitioning (GPT, MBR, LDM, LVM) , Windows Storage Spaces , Bootability (BIOS, UEFI, MBR, loading stages, GRUB, NTLDR, WBM)

Moderate experience:

Boost , Multi-threading , OSX kernel extensions

Testing tools

Unit testing:

jUnit , xUnit , NUnit , cppUnit , rspec

Functional testing:

capbara

Languages

Languages

- Russian : Native
- English : Upper Intermediate
- German : Intermediate (B 2)
- Spanish : Beginner (A2.1)

Language certificates

- English : IELTS certificate 7.0 total

Education

FMSH 2 (Physical and mathematical school) : Sep 1995 - Aug 1998

: Sergiev Posad, RUS

MEPHI (National Research Nuclear University) : Sep 1998 - May 2004

Master in Physics : Moscow, RUS

Additional Trainings

Allied Testing : Nov 2007 - Mar 2008

Financial math trainings : Moscow, RUS

Allied Testing : Apr 2008 - Sep 2008

Project Management trainings (Allied Testing) : Moscow, RUS

Online Berkeley course <https://class.coursera.org/saas> : Jan 2012 - Apr 2012

Software as a service (SAAS) : Online

Online Stanford course <https://www.coursera.org/course/compilers> : Oct 2012 - Dec 2012

Compilers. : Online

Online Stanford course <https://class.coursera.org/gametheory-2012-002/class> : Jan 2013 - Feb 2013

Game theory. : Online

Online Princeton course <https://class.coursera.org/algs4partI-002/class> : Feb 2013 - Mar 2013

Algorithms : Online

Online Princeton course <https://class.coursera.org/algs4partII-001/class/index> : Apr 2013 - May 2013

Algorithms part 2 : Online

Axensis Moscow : Sep 2004 – May 2005

English courses (Upper Intermediate) : Moscow, RUS

Goethe institute, Moscow : Sep 2005 – Sep 2007

German courses (Intermediate) : Moscow, RUS

Avira : Sep 2013 - Now

German courses : Tettnang, DE

Cervantes institute, Moscow : Jan 2010 - Jan 2011

Spanish courses : Moscow, RUS

Private courses, Moscow : Jan 2012 - Jun 2012

Arabic courses : Moscow, RUS
