

Yuri Bochkarev *May 24, 1988*

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Summary

Linux Python backend developer with total of over 10 years of experience in building, testing and maintaining complex software systems. 5+ years of Python experience, 6+ years of C++ experience, solid low-level background. Driven to get things done along with learning new skills, tools and technologies. Skills to write efficient, maintainable and tested code. Able to communicate effectively and clearly in Russian and English both spoken and written.

Experience

IPONWEB – media trading platform (RTB, Ad exchange, DSP, SSP)

Moscow

Senior Software Developer (Technology)

May 2016 – present

- Backend implementation of campaign visualization and forecasting service (Python, Django, Numpy, Scipy, Pandas)
- Software development process: Scrum + Kanban

Software Developer (Technology)

July 2014 – May 2016

- Backend implementation of campaign visualization and forecasting service (Python, Django, Numpy, Scipy, Pandas)
- Participation in development of budget control server for advertising campaigns (Python, Twisted, Numpy, Pandas)
- Roll out and support of Continuous Integration infrastructure (Jenkins, Trial, pytest, custom testing stands)

Software Developer (R&D)

January 2013 – July 2014

- Support, development, and architecture refactoring of data delivery service (Python, BASH, Django)

SmartLabs – interactive digital television (IPTV, DVB, OTT TV)

Moscow

System Department Developer

September 2009 – January 2013

- Development of video content viewing redirector (C++, Qt)
- Development of video content distribution automation tool (C++, Qt)
- Integration of automation tool with existing platform
- Participation in SmartMedia platform video server development (C++, Qt, STL, live555)
- Implementation of adaptive streaming client (C++, Qt, Apple HTTP Streaming)
- Development of platform components build automation tool (Python)
- Participation in adaptive streaming server development (Python, Twisted)
- Accompanying protocols: HTTP, XML RPC, SOAP, RTSP

Autoscan

Ulyanovsk

Software Developer

September 2007 – May 2009

- Development of network applications for real-time video transmission (C++, Qt, OPAL, libjingle)
- Automation of application's testing (AutoIt, Erlang)
- Accompanying protocols: XMPP, SIP, RTP, STUN

Ulyanovsk State Technical University

Ulyanovsk

Technician

September 2006 – September 2007

- Computer class administration (11 computers, ASP Linux 9.0, Microsoft Windows 2003)
 - Class video surveillance organization, technical support
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Education

Ulyanovsk State Technical University

Ulyanovsk

Master's degree, Faculty of Information Systems & Technologies, diploma VMA 0105774

2007 – 2009

Bachelor's degree, Faculty of Information Systems & Technologies, diploma AVB 0512119

2003 – 2007

Additional Education

Information Technology Alliance

[coursera.org](#)

Clojure Course

April 2013

Machine Learning: Classification

April 2016

udacity.com

Game Theory (HSE)

March 2016

Programming a Robotic Car

April 2012

Machine Learning: Regression

February 2016

Artificial Intelligence

December 2011

ML Foundations: A Case Study Approach

February 2016

coursera.org

Cloud Computing Applications

October 2015

Computing for Data Analysis

October 2012

Image and Video Processing

March 2015

Algorithms: Design and Analysis, Part I

April 2012

Algorithmic Thinking

November 2014

Machine Learning

December 2011

Cryptography, Part I

June 2014

Write Like Mozart

March 2014

Discrete Optimization

August 2013

Functional Programming Principles in Scala *December 2012*

Skills

Technical OS: GNU/Linux (since 2009), Windows (2001 – 2009). Programming Languages: Python, C++. Moderately experienced as well in: Go, Haskell, Clojure, R, Scala, Erlang, Lua, AutoIt, Java, Octave, x86 assembler. VCS: hg, git, svn. Technologies: Unit Testing, Design Patterns, UML. Frameworks: Twisted, Pyramid, Django, Pandas, Scipy.

Language Russian (*native*), English (*upper intermediate*).