Yuri Bochkarev *May 24, 1988*

Moscow (Russia)   •   baltazar.bz@gmail.com   •   +79853037426   •   linkedin   •   bitbucket   •   github

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Summary

Linux Python backend developer with 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. Skilled to write efficient, maintainable and testable 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 (Internal Tools, BidSwitch)   *June 2017 – present*
  • Development of a user group update microservice (Python 3.4, pytest, pymongo, TokuMX)
  • Development of a facade API service to an internal DB (Golang 1.8, Cassandra 2.6)
  • Support of a log to DB loading tool (C++ 11, Cassandra 2.6)
  • Development process: Scrum
  • Technology stack: Docker, Jenkins, Artifactory, OBS, Graphite, Grafana, Kibana, Ubuntu 14.04
  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 architechture 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

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
Clojure Course | *April 2013*

udacity.com
Programming a Robotic Car | *April 2012*
Artificial Intelligence | *December 2011*

coursera.org
Computing for Data Analysis | *October 2012*
Algorithms: Design and Analysis, Part I | *April 2012*
Machine Learning | *December 2011*

coursera.org
Machine Learning: Classification | *April 2016*
Game Theory (HSE) | *March 2016*
Machine Learning: Regression | *February 2016*
ML Foundations: A Case Study Approach | *February 2016*
Cloud Computing Applications | *October 2015*
Image and Video Processing | *March 2015*
Algorithmic Thinking | *November 2014*
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)*.