Evgeniy Petrov

Contact information

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Summary

I am a developer with 3 years of experience in developing, testing, deploying and supporting applications in python and java.

Currently working as a DevOp and interested in a position that does not separate development and operations.

Objective

I want to work in a position that would allow me to improve overall quality of the system through learning new skills and technologies.

Areas of expertise

Software development:

Requirements negotiation, design, development.

Quality assurance:

Unit/Integration testing.

System administration:

Monitoring, configuration management, application deployment, troubleshooting.

Skills

Python, java:

written and deployed applications in production environment, familiar with some internals(cpython, openjdk).

Linux:

used as desktop and server operating system, comfortable with common administration tasks(on LPIC-1 level), familiar with system calls and some kernel internals.

System administration:

have experience with oncall duty, have experience with segfault debugging.

Relational databases:

have experience with PostgreSQL, have some experience with query optimization, written stored procedures in plpgsql.

NoSQL databases:

have some experience with CouchDB and MongoDB.

Clojure, scala:

read books, written toy applications and scripts.

Professional experience

2011 - Present "I-Free", ltd, Saint-Petersburg:

I am currently working as DevOp at the department of monitoring. I am responsible for development, deployment and support of monitoring applications that work with Zabbix monitoring system.

1. I've been responsible for migration from Nagios to Zabbix

2. I've initiated and carried out migration of all monitoring scripts from bash/awk/perl/php/ruby to python

3. I've initiated migration of monitoring web applications to python, and new ones are since written in python

4. I've written alternative implementation of Zabbix agent in python and replaced Zabbix agent in production with it

Open source projects

Zabby :

Writing Zabby have severely increased my knowledge of python, unit testing, UNIX daemons, linux proc filesystem, large scale production deployments (deploying to several hundred servers) and backwards compatibility.

Language skills

Russian:

native language.

English:

I am comfortable with reading and writing English, although I don't have much experience speaking it. Here is a talk I gave at Zabbix Conference 2013, I think it accurately demonstrates my English talking skills.