

# Medvedev Yuriy

Male, 32 years, born on 12 April 1985

+971 (56) 2009599

medvedev.y.p@gmail.com — preferred means of communication

Skype: kenny-opennix

Another site: <https://github.com/pyToshka>

Reside in: UAE

Citizenship: Russia, work permit at: Russia

Ready to relocate: UAE, Netherlands, Malta, USA, France, Italy, Austria, Czech Republic, Germany, Luxembourg  
, ready for business trips

## Desired position and salary

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### Lead Systems Engineer(devops culture)

IT, Internet, Telecom

- System Administrator
- CTO, CIO, IT Director
- Project Management

Employment: part time

Work schedule: remote working

Desired travel time to work: any

## Work experience — 9 years 9 months

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November 2017 —  
till now  
4 months

### Emirates Airline

UAE,

#### Senior solution architect

Solution architect for cloud based solutions

July 2016 —  
November 2017  
1 year 5 months

### EPAM Systems Inc. (Россия)

[www.epam-group.ru](http://www.epam-group.ru)

#### Senior Systems Engineer

Some my opensource projects:

- Terraform puppetmasterless provisioner  
<https://github.com/pyToshka/terraform-provisioner-puppet-masterless>
  - Terraform Puppet Master provisioner <https://github.com/pyToshka/terraform-provisioner-puppet>
  - Fork for Terraform vrtualbox provider <https://github.com/pyToshka/terraform-provider-virtualbox>
  - Packer JFrog artifactory post-processor <https://github.com/pyToshka/packer-post-processor-artifactory>
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Creating architecture of new instance for jira, creating groovy scripts,fix old scripts. Implement new mechanism of automations, and preparing for upgrade productions instances.

Integrations devops tools and culture, create new educations courses.

Integrations hashicorp products(packer,terraform) for various clouds

Creating cloud architectures for famous clouds(aws,azure etc)

Sharing experience with employees

Creating architecture for products in cloud, migrate to aws with cloudformation (dynamic auto scaling group, load balancing end etc)

Integrate dynamic cloudformation generator tools(troposphere)

Designing and writing module for packer and terraform  
Designing and writing web-storages  
Deadline control per projects  
Creating chef cookbook, puppet modules and ansible custom modules.

October 2015 —  
July 2016  
10 months

## **IPONWEB Ltd (UK)**

Moscow, [www.iponweb.net/](http://www.iponweb.net/)

### **It ops lead**

Management of the ops team.  
Create architecture of the high load web project. Realization of the High Availability architecture for company projects(Load balancing, failover etc).  
Create technical documentation and create deployment procedure projects.  
R&D, problem management,problem-solving, analytical and evaluative problems.  
Create HA project requirements and specification.  
Create puppet masters architecture with delivery sensitive data, deploy and upgrade python projects.  
Integrating AWs with company architecture(iam with ldap integration, Ec2 etc).  
Support obs build system and implementation CD for deploy

September 2013 —  
October 2015  
2 years 2 months

## **Mobile TeleSystems OJSC**

[mts.ru](http://mts.ru)

### **Team leader**

Head of Administration service platforms  
The introduction of a unified anti-spam systems company, dns servers. Project management for the construction of cluster solutions and implementation openstack  
Development planning for the introduction of cloud solutions.  
Monitoring the implementation of maintenance work on the renewal and modernization of internal resources.  
Designing and monitoring the implementation of the project for implementation of a distributed system cache  
Guide a team of system administrators and programmers.  
Budget planning group, the defense budget.  
Writing and development of technical specifications for third-party developers.  
Negotiations with partners and customers.  
During the work was carried out a number of projects for cost optimization and harmonization of infrastructure.  
Successfully passed a series of trainings on management personnel and a number of other customer-oriented.  
Development algorithms benchmarking openstack vs redhat openstack vs Helion OpenStack.  
Integration openstack in esxi with subsequent integration aws and ms azure.  
Implementation ceph

May 2013 —  
September 2013  
5 months

## **Imoneybank**

Moscow, [imoneybank.ru](http://imoneybank.ru)

### **head of a department**

Administration Server (Linux).  
Fault diagnosis .  
Network administration .  
Planning for network resources.  
Ceph deployment servers.  
Building a failover cluster file , the construction and planning of load balancing.  
Adoption of cloud solutions.  
Deploying backup- server , web server (based on Apache, nginx) and mysql, pgsql:  
Building a distributed network caching " from scratch " based on Nginx, Varnish.

Planning and building a distributed network.  
Leadership team of system administrators and programmers.  
Budget Planning Group  
Writing and developing requirements for third-party developers.  
Negotiations with partners and customers.  
Development and planning of network development, forecasting bottlenecks, design cloud within the company. Deploying a standalone configuration .

March 2012 — May  
2013  
1 year 3 months

## **Synterra Media**

### **Head of online broadcasting**

Administration Server (Linux).  
Fault diagnosis .  
Network administration .  
Deploying broadcast servers.  
Deploying backup- server , web server (based on Apache, nginx) and mysql, pgsql:  
Building a distributed network caching " from scratch " based on Nginx, Varnish.  
Administration Wowza.  
Administration and building servers with high load ( 10,000 unique visitors)  
Administration SVN, Git, Hg.  
Development of a control program for controlling the statistics.  
Integration of partner sites , integration broadcasts .  
Planning and construction of distributed content delivery network .  
Develop personal client cabinet.  
Leadership team of system administrators and programmers.  
Budget Planning Group  
Writing and developing requirements for third-party developers.  
Negotiations with partners and customers.

October 2011 —  
March 2012  
6 months

## **SST**

Moscow

### **system administrator**

Managing a distributed network of content delivery.  
Connection / disconnection of customers, setting up the server software (web servers, media servers, etc.)  
Working with customer care, consulting, technical support, and troubleshooting  
Preparing and installing the server and network equipment  
Administering UNIX-like OS: FreeBSD, Linux

July 2009 —  
October 2011  
2 years 4 months

## **Simvol-7**

Moscow

### **head of a department**

Administering Servers (Freebsd, Slackware Linux).  
Develop security policies company's internal network (up to 100 PCs ) .  
Buy, build , upgrade and fault diagnosis , maintenance of computers and office equipment .  
Management and execution of instructions control subordinates. Writing terms of reference, and coordination of advertising companies. Coordination and negotiations with potential clients .  
Network administration . Troubleshooting active network equipment , planning network resources.  
Deploy a domain controller on the basis of SAMBA.  
Deploying backup- server , web server (based on Apache) and mysql:  
Setting up an active network equipment (D-link)  
Creating a system for remote access to the corporate network (vpn- tunnels , ssh);

June 2008 — June  
2009

## **Corbina Telecom**

1 year 1 month

## Linux administrator

Administering Servers (Freebsd, Slackware Linux, Mops Linux, Debian)  
Develop security policies company's internal network (up to 100 PCs) .  
Buy, build , upgrade and fault diagnosis , maintenance of computers and office equipment  
Administration network Corbina Telecom / Beeline.  
Troubleshooting active network equipment , identifying violators of the network ( change ip- address mac- address spoofing )  
Planning for network resources.  
Deploy a domain controller on the basis of SAMBA.  
Deploying backup- server , web server (based on Apache) and mysql:  
Setting ip- telephony (Addpac)  
Setting up an active network equipment (D-link, ZyXel, Planet)  
Creating a system for remote access to the corporate network (vpn- tunnels , ssh);  
Deployment dmz organization merging networks.  
Network design , followed by the construction of the monitoring program ;  
Creating software for automatic maintenance of active network equipment ;

## Education

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### Higher

2008

#### **Tula State Pedagogical University n.a. L.N. Tolstoy, Tula**

Faculty of Physics, Mathematics and Computer Science, Professor of physics, mathematics

## Professional development, courses

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2008

### **Linux administrator**

TPU, Linux administrator

## Key skills

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### Languages

Russian — native  
English — I can attend an interview

### Skills

Linux PostgreSQL Debian Nginx TCP/IP Unix Python  
Ведение переговоров Управление проектами MySQL Virtualization  
Организаторские навыки Teambuilding Базы данных Puppet devops  
Системы управления базами данных FreeBSD high load high availability  
Apache Tomcat Руководство коллективом Обучение персонала Bash aws  
CDN terraform docker ci/cd ITIL

## Further information

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### About me

Skills and Awards:  
• Accounting and Financial: Budgeting;  
• Agile: Continuous Integration;  
• Big Data: Apache Spark, Elasticsearch, HDFS, MongoDB, Redis;  
• Cloud: AWS Identity and Access Management (IAM), Akamai, Amazon Elastic Compute Cloud (EC2), Amazon Route 53, Amazon Simple Storage Service (S3), Amazon Virtual Private Cloud (VPC), Amazon Web Services (AWS), Assessment and migration, CMS hosting in cloud, Citrix XenServer, Cloud database, Compute, Data integration and hybrid cloud, Datacenters, DevOps/Automation, Elastic Load Balancing, Google App Engine, Image processing in cloud,

Internet, KVM, L3, Networking, Open source XEN, OpenStack, Oracle VM, Others, Private cloud, Rackspace Cloud, VMware ESXi, VMware vSphere, Video encoding in cloud;

- Content management: Alfresco, Confluence, Drush, WordPress, django CMS, phpBB;
- Education and Research: Education and Research;
- Electronics and Electrical: Electronics and Electrical;
- Embedded: CIFS, Ceph, DNS, Ethernet, Ext2/3/4, Linux kernel, NFS, Pacemaker, REST, WiFi, XFS, ZFS, iSCSI;
- Enterprise Applications: Controlling, Web Services;
- General: Management;
- Integration: RabbitMQ;
- Java: Apache Tomcat, Eclipse IDE, IntelliJ IDEA, Jetty Servlet Container, Liferay;
- MediaEntertainment Business Models: Video On Demand (VOD);
- MediaEntertainment Technology Areas: Brightcove, Google Analytics, HLS, Samsung, Transcoding, Video Encoding, Video Streaming, Wowza Streaming Engine, YouTube;
- Miscellaneous Software Engineering Tools and Methods: Android OS, Cacti, Cobbler / Koan / Kickstart, Docker, FreeBSD, FreeBSD Jails, HP Service Manager, Kubernetes, Latex, Linux, Linux Containers Technology (LXC), Logstash, Mac OS, Munin, Nagios, NetBSD, OpenBSD, OpenOffice, Oracle VirtualBox, Otrs, QEMU, Siebel CRM, SugarCRM, Sun Solaris, VMware Server, VMware Workstation, Vagrant, Vim, ZABBIX;
- Mobile: PhoneGap/Cordova, Titanium;
- Physics: Physics;
- Software Configuration Management: BitBucket, CMake, CVS, Debian Packaging System, GNU Autoconf, GNU Automake, Git, GitHub, Gitlab, Jenkins, Make, Mercurial, Opscode Chef, Puppet, RPM, Solaris Package System, Subversion, TeamCity;
- Software Construction: AWK, Android SDK, Bash, Borland Delphi, Continuous Delivery, Continuous Deployment, Continuous Integration, Django, Elasticsearch, Flash Media Server, Hadoop, ISC BIND, LDAP, MemcacheDB, Memcached, MongoDB, MySQL, OASIS Security Assertion Markup Language (SAML), OAuth, Oracle, PL/pgSQL, PostgreSQL, PowerDNS, PyCharm, Python, Red5 Media Server, Redis, Regular Expressions, SQL, SQLite, SSH, Sphinx Search, Toad for Oracle, UNIX shell scripting, Xcode, nginx;
- Software Engineering Management: Bugzilla, JIRA, Mantis, Project Management, Redmine;
- Spoken Languages: English, Russian;
- Support: Information Technology Infrastructure Library (ITIL), Systems Engineering;
- Talent Acquisition: Interviewing candidates, Researching candidates;
- Telecommunications: Telecommunications;
- Testing: Apache JMeter, Grinder, Selenium, Tsung, Web Applications Security Testing.
- . Network equipment: Juniper, dlink, cisco