

Igor Gajsin

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PERSONAL STATEMENT

I've seen on my experience that DevOps methodology is better than traditional one. The DevOps tools like Puppet (or other configuration management tool) + git + jenkins work better than the traditional set of bash scripts, ssh logins and many hand works. Also a cloud could be the great source of improvement for infrastructure management. I think it is the future and I'm going to develop myself in that direction.

WORK EXPERIENCE

Deployment Engineer — May 2014 – Present

Mirantis Inc. — www.mirantis.com
Moscow, Russia

At first I was an ordinary deployment engineer, than I became a technical lead in 2 projects.

Responsibilities as an engineer:

- Developing of integration Fuel (OpenStack installer) with Vmware.
- Writing puppet manifests to deploy OpenStack.
- Writing ruby code for puppet.
- Fixing issues in the Fuel's python code.
- Troubleshooting of deployed OpenStack environments.
- Reviewing commits (via gerrit) of other developers.
- Writing documentation and making demos.

Projects:

1. Fuel plugin Vmware DVS — <https://github.com/openstack/fuel-plugin-vmware-dvs>
Jun 2015 – Sep 2016
2. Manila plugin for Fuel — May 2016 – Present
<https://github.com/openstack/fuel-plugin-manila>

Responsibilities as a tech lead:

- Performing all the puppet and engineering tasks as described above
- Organization of the development process in according to the Scrum methodology.
- Leading the python developers and QA-engineers.
- Communication with the OpenStack community.
At first the VMWare DVS plugin was based on the driver developed inside Mirantis <https://github.com/Mirantis/vmware-dvs>. Than it was merged with the driver developed by the community <https://github.com/openstack/networking-vsphere>. So it required some extra work for synchronization our plans and visions of future development with other people.
- Interacting with management and working with JIRA.

System Administrator – Sep 2012 – May 2014

Brilliant, Ltd - <http://www.brilliant.ru/>
Moscow, Russia

Usually I was the only linux system administrator, it gave me great feeling of responsibility because if I couldn't find a solution --- nobody could.

Responsibilities:

- Support of the company's sites (typical LAMP on Debian). Move it from the VPS to the dedicated server. Add new virtual hosts, integration with company's erp system.
- Support the web development department. Set of services for php developers were created: gitolite, redmine, testing server. Also I developed a release-system for sites based on bash-scripts and git-hooks. Now I would do it completely differently but that primitive system works well all time.

- Creation, delegation and support of the DNS zones.
- Deployment and configuration of mail servers exim4 and postfix with dovecot and roundcube.
- Deployment and support of different mysql servers (from 5.1 to 5.5).
- Deployment from scratch and support of HA Asterisk cluster for internal office telephony, fixing issues with voip providers, provisioning of the sip phones, border interaction with the call-center (infra call center, after avaya call center).
- Configuration storage system, management the NFS and SMB shares, access distinction with ACL. Also for different purposes several ftp (vsftpd and proftp), tftp and samba servers were created.
- Support of the backup system based on many bash scripts.
- Deployment and support monitoring system on Zabbix.

Researcher – March 2006 – april 2012

Kurchatov Institute - <http://eng.nrcki.ru/>
Moscow, Russia

That was a pure material science job not related to IT except writing some programs in the R language and building a database for results of the experiments on Ruby on Rails and Postgres.

EDUCATION

Master of Science - 2000 - 2006.

National University of Science and Technology MISiS, Moscow, Russia

I've got master of science degree on department of material science and physics of durability on Institute of Physical Chemistry of Materials as a part of [Moscow Institute of Steel and Alloys State Technological University](#).

I defended my thesis on topic "Radiation embrittlement of the weld metal core VVER-440 reactors".

ENGLISH ABILITY:

I've got 560 scores in the TOEIC Listening and Reading test in november 2015. I'm confident that my english level has improved for the last year.

PERSONAL INTERESTS

Reading, cooking, boxing, scottish country dancing, folk music and tabletop roleplay gaming. I'm trying to be a versatile person and have not only IT-related interests.