Sergey Vilgelm
Software Engineer

Over 10 years of software development experience with expertise in OpenStack core components, Python, Git, Gerrit. Ability to learn new technologies, out of box thinking, ability to manage projects, ability to work within tight deadlines, self-motivated, good team player.

Technical Skills

Skill Category	Skill list
Programming Languages	Python, PHP, Delphi
Networking	TCP/IP, UDP, Sockets, IPv6
Monitoring Tools	Zabbix
Technologies	XML/JSON-RPC
DB	PostgreSQL, SQLite, MySQL
NoSQL	Memcached
Web	HTML, CSS, JavaScript
Operating Systems	Ubuntu, Debian, OS X, Windows
Development Tools	Git, Gerrit, PyCharm, Mercurial

Foreign Languages Skills

Language	Written	Spoken
English	Upper-Intermediate	Upper-Intermediate

Latest Work Experience

Mirantis,
05.2013 - present
OpenStack Software Engineer

Project Name: Contractor at Ericsson, Neutron expert (Budapest, Hungary)
Project description: OpenStack consultant for Neutron's team. Code quality improvement, bugs resolution. Making presentations.

Project Name: Contractor at Symantec (U.S.A.)
Project description: Monitoring system bugs investigation and resolution. Performance improvement of the pl/pgsql scripts.

Project Name: Vyatta Niblick
Project description:
Use Vyatta to implement a per-tenant version of the Quantum router functionality. Developing a Quantum plugin together with a mechanism for deploying and configuring Vyatta VMs on demand. The VM provisioning subsystem should provide a generalized Network Resource Manager (NRM). This manager would provide centralized lifecycle management for a variety of physical and virtual network resources: physical and virtual routers, load balancers, firewalls, etc. It would (e.g.) allow a LBaaS plugin to request an LB resource with a specific set of attributes, and allow the NRM to allocate a virtual or physical LB instance, based on resource availability, policy, etc.

Project Name: Migration Volume in Cinder
Project description:
This project implemented capabilities to migrate volumes between nodes.
Technologies: Python, Cinder, Neutron

Reggi Business,
02.2012 - 03.2013
Software developer

Description:
Enhancement of the system for domains registrar.

Project Name: PowerDNS
Project description:
Deploying the PowerDNS. Developing the manage system for a domain records on the Django and JsonRPC. Configuring database replicas to create child dns services.

Project Name: Zabbix
Project description:
Deploying and configuring Zabbix to monitor all Servers. Developing UserParameter scripts.

Technologies: Python, Django, PHP, PostgreSQL, JSON

Aspan Telecom,
09.2010 - 02.2012
Software developer

Description:
Development and maintenance of the billing system.

Project Name: Accounting equipment
Project description:
Developing the module of accounting equipment.

Technologies: FreeBSD, PostgreSQL, Python, Turbogears, CherryPy

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Arna (BeTop, Ducat),
12.2008 - 09.2010
Lead software developer

Project Name: The billing system.
Project description:
Developing the billing database, netflow collector.

Project Name: NetUP UTM 5 Billing System
Project description:
Deploying UTM5 web cabinet.

Technologies: Delphi, DevExpress, UniDAC, PostgreSQL, Oracle, NetFlow5, PHP

Electronic Archive Corp,
09.2007 - 10.2008
Software developer

Project Name: Saperion
Project description:
Deploying and configuring the Saperion to customers.

Project Name: The knowledge base
Project description:
Developing the knowledge base system management based on Drupal.

Technologies: VisualBasic, Delphi, PHP

Skif Trade,
01.2005 - 08.2007
IT-technician, Software developer

Project Name: Application for the cash registers
Project description:
Developing software components for the cash registers.

Project Name: IT-infrastructure
Project description:
Deploying IT-infrastructure within 3 supermarkets.

Technologies: Delphi, MSSQL

Academic Records

Almaty University of Power Engineering and Telecommunications, Kazakhstan.
Sep'1999 – Jun'2011
Electronic systems and technologies, Master's Degree in Engineering.

Personal info

Location	Date of birth	Marital status
Moscow, Russia	31 JAN 1982	Married, have two daughters