

Samuel Terburg

Skills

Age : 38 (1979)
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Profile

Application Lifecycle (PaaS)

Specialist in CI/CD, Code Review, Build Pipelines, Automated Tests, Release mgmt. PaaS platforms. API mgmt, Cloud-Native, MicroServices. DevOps.

Cloud Solution Architect (IaaS)

Broad knowledge of Networking, Storage, Virtualization, Databases & Middleware. Requirements gathering, event storming, PSA, DDD. Writing Designs. Guide and mediate. Problem solving.

Trainer

Mentor to others. I lead Workshops. Training. Public Speaking (Present). Thought Leadership. Peer programming. Knowledge Sharing.

| » Cloud Architect « | | Experien | Cert |
|---------------------|------------------|----------|------|
| Cloud | Azure / Aws | 4 year | ✓ |
| Cloud | OpenStack | 2 year | ✓ |
| Containers | Kubernetes | 3 year | ✓ |
| CI / CD | Jenkins | 6 year | ✓ |
| Automation | Ansible, Puppet | 8 year | ✓ |
| Network | Cisco | 15+ year | ✓ |
| Linux | RHEL | 15+ year | ✓ |
| Virtual | RHV / VMware | 15 year | ✓ |
| Storage | NetApp | 10+ year | |
| Storage | Gluster, Ceph,S3 | 10+ year | ✓ |
| Java Mgmt | Jboss, Spring | 10 year | ✓ |
| Dev | Python, Ruby | 15 year | |
| DB | MySQL, Mongo | 15 year | |
| SCRUM, ITIL, DevOps | Jira | 8 year | |

Personality

| | | | |
|-------------------|---------------------|-------------|-------------------|
| Analitical | Creative | Independant | Flexible |
| Pro-active | Entrepreneur | Eager | Ambitious |
| Mentor | Decisive | Discipline | Effective |
| Leader | Competitive | Go'er | Structured |

Education

| Year | Type | Exam | Institute | Certificate |
|-------------|-------------|------|-----------|--|
| 2017 | Certificate | Exam | Red Hat | Cerificate of Extertise in Hybrid Cloud Management (CloudForms) |
| 2017 | Certificate | Exam | Red Hat | Cerificate of Extertise in Ansible Automation |
| 2017 | Certificate | Exam | Red Hat | Cerificate of Extertise in Containerizing Software Development |
| 2017 | Certificate | Exam | Red Hat | Cerificate of Extertise in Hybrid Storage (GlusterFS) (EX236) |
| 2017 | Certificate | Exam | Red Hat | Certified Configuration Management Expert (RHCOE-CM) |
| 2017 | Certificate | Exam | CNCF | Certified Kubernetes Administrator (CKA) |
| 2017 | Certificate | Exam | AWS | Certified Solution Architect – Associate |
| 2016 | Certificate | Exam | Red Hat | Certified Architect (RHCA – Level VI) |
| 2016 | Certificate | Exam | Red Hat | Certified Jenkins Engineer (CJE) |
| 2016 | Certificate | Exam | Red Hat | Cerificate of Extertise in Hybrid Storage (GlusterFS) (EX236) |
| 2016 | Certificate | Exam | Red Hat | Certified Configuration Management Expert (RHCOE-CM) |
| 2016 | Certificate | Exam | Red Hat | Certified OpenShift Expert (RHCOE-PAAS) |
| 2015 | Certificate | Exam | Red Hat | Certified OpenStack Administrator (RHCSA-RHOSD) |
| 2014 | Certificate | Exam | Red Hat | Certified Virtualization Administrator (RHCVA) |
| 2014 | Certificate | Exam | Red Hat | Certified JBoss Administrator (RHCJA) |
| 2014 | Certificate | Exam | F5 | Big-IP Certified Administrator |
| 2003 | Certificate | Exam | Cisco | Certified Network Associate (CCNA) |
| 2003 | Cursus | | Cisco | Building Cisco Remote Access Networks (CCNP BCRAN) |
| 2001 | Certificate | Exam | Red Hat | Certified Engineer (RHCSA + RHCE) |
| 1996 – 2000 | Diploma | Exam | MTS | Technische Informatica |
| 1992 – 1996 | Diploma | Exam | | Mavo-D |

Experience

Atos

IT Consulting / System Integrator

Eindhoven

System Integrator specialized in Cloud & Big Data.

**Cloud Solution Architect
– Specialist AWS**

Freelance

Nov 2017 – Feb 2018

Solution Architect for a big Vmware to AWS migration project.

- Design VPC, DirectConnect, Storage Gateway, IAM roles, etc.
- Interaction with stakeholders (customer, management, support)

Solution Architect for a Data LifeCycle Management project.

- Design ETL workflow, Network, S3 Storage.
- Interaction with stakeholders (customer, management, support)

Software: AWS, InfoArchive

Techniques: Cloud, Information Management, ETL

Red Hat

The worlds open-source software leader

EMEA

Software company in Infrastructure, Cloud & Middleware products.

**Solution Architect
– Specialist OpenShift**

Freelance

Nov 2015 – Nov 2017

Pre-Sales for OpenShift Container Platform product.

- Proof of Concepts of OpenShift, customer education in OpenShift (Training & Workshops).
- Presentations, Demo's, Architecture of OpenShift.
- CI/CD workflows with OpenShift.
- JBoss-EAP & JBoss-Fuse integration with OpenShift.
- Cloud Integrations: AWS, Google, OpenStack.

Software: OpenShift, Kubernetes, Docker, Git, Ansible, Jenkins, Jboss-EAP, AWS EC2 / ECS / Beanstalk / Route53 / VPC / IAM

Techniques: Containers, Continuous Delivery, Git Flow, Service Discovery

KvK

Chambre of Commerce

Woerden

Java applicatie platform hosting

Cloud Platform Development

Freelance

Apr 2015 – Nov 2015

DevOps Platform Development of Application Hosting Platform:

- Developing Puppet, Terraform, Bash/Python & XLDeploy modules
- Build Continuous Integration & Delivery workflow in Jenkins
- Migrate from VMware to Docker-Swarm.
- Proof of Concept: migration to **AWS**.
- Migration of IBM WebSphere to Jboss Wildfly.
- NGINX proxy with Service Discovery backends (Consul).

Software: Terraform, Consul, CloudFoundry, Docker, AWS EC2 / ECS / RDS, OpsWorks, XLDeploy, WildFly, Puppet / Ansible / SaltStack, MongoDB,

Techniques: GitLab, Jenkins-swarm.

Continuous Delivery, Separation of Concerns, Git Flow, Service Discovery

Fairbanks

Business Services

Amersfoort

Infrastructuur Management.

**OpenStack Consultant
Ceph Consultant**

Freelance

Okt 2014 – Jun 2016

Design & Implementation of OpenStack & Ceph projects.

Software: RedHat, Ubuntu, Puppet, OpenStack, Ceph, tgtd, RHEV.
Hardware: SuperMicro, Cisco UCS, Cisco Nexus

Alliander WebHosting

Power Utility Company

Haarlem

WebHosting of Java, Drupal, Wordpress websites.

DevOps Engineer

Freelance

Apr 2014 – Apr 2015

1. Migration of RHEL5 to RHEL6 using Puppet.
2. Migration of WebLogic to Jboss EAP6 + Jboss Fuse.
3. Improving Continuous Integration using Jenkins/Scripting.

Software: RedHat, Puppet, Ruby, JBoss EAP6, JBoss Fuse, CouchDB, SVN/Git, Jenkins, WebLogic, Varnish, Vagrant.

Techniques: ITIL, SCRUM, ESB, SOA, Continuous Integration/Delivery

GlobalCollect

Online Payment Service Provider

Amsterdam

Online payment processing of iDeal, CreditCard & DirectDebit.
Global Player. Wide variety of payment products from China to Brazil.

Technical Application Support Functional Application Support

Freelance

Jul 2013 – Sep 2013

Support & Maintenance of the "WebCollect" cluster, which handles all the realtime payment processing.

OS: RedHat, Solaris, SUSE

Software: Java JDK, Hibernate, JMX, Tomcat, JBoss, Eclipse, Nolio, Oracle DB, Toad, Jira

Techniques: ITIL, SCRUM, Kanban, Load-Balancing

Infrastructure Architect

Freelance

Sep 2013 – Apr 2014

Design & Implementation of the Infrastructure (clustering) for Business Intelligence & ETL backend (Ab-Initio).

OS: RedHat 6, Windows 2008

Hardware: IBM X-series, DELL PowerEdge, Mellanox Infiniband QDR, Force10, NetApp, F5 Big-IP, CheckPoint Power-1, IBM Netezza

Software: Bright Cluster Manager, Checkpoint, Tableau, Ab-Initio

Techniques: ITIL, SCRUM, DevOps, Tableau Cluster

Experience (continued)

| | | |
|--------------------------------------|--|----------------------------|
| IBM ABN-AMRO | Managed Services Provider | Amsterdam |
| | Offering Hosting & Engineering services to enterprise customers like ABN-AMRO, UWV, Essent. The team consist of 30 FTE with disciplines like Linux, Solaris, AIX, Windows, Storage. | |
| Unix/Linux System Engineer | Freelance | Apr 2013 – Jun 2013 |
| | Daily support of clustered, virtualized HA environments of 1500 servers, using RedHat Clustering, XEN & FC Storage, Twin-datacenters. | |
| OS: | RedHat, Solaris, AIX, XEN, VMware ESXi 5 | |
| Software: | Satellite, Luci, Tivoli, TSM, Bash | |
| Techniques: | ITIL, RHEV, RHCS | |
| <hr/> | | |
| KPN Telfort | Internet Service Provider | Amsterdam |
| | Triple-play internet provider in The Netherlands. | |
| Technical Application Support | Freelance | Nov 2012 – Apr 2013 |
| Unix/Linux | Daily support of application clusters (~150 servers). Lots of diverse applications with complex relationships. Delivery of DSL & TV. Innovative projects like Virtualisation (VMware)& Security hardening. | |
| OS: | Solaris 9/10, Linux Debian, VMware ESXi 5 | |
| Software: | LVS/IPVS, Puppet, Tomcat, Apache, Nagios, Subversion, NFS, Ant | |
| Hardware: | Dell PowerEdge, SUN, NetApp | |
| Techniques: | HTTP, SSL, NFS | |
| <hr/> | | |
| eBay | Internet Application Hosting | Amsterdam |
| | Site Operations of local #1 classifieds-sites in more than 30 countries. Like marktplaats.nl, mobile.de, rent.com, kijiji.com, Gumtree.co.uk. Maintained by a team of 15 sr. engineers. | |
| DevOps Engineer | Freelance | Oct 2011 – Jun 2012 |
| Unix/Linux | Daily management of complex environment of about 2000 servers. DevOps support, among others Java Continuous Integration in Jenkins. Project based change management. Server provisioning (for QA/L&P/Prod envs), Config management (puppet). | |
| OS: | Linux Debian, Solaris 10/11 | |
| Software: | NetCache, GlusterFS, VMware, Puppet, FAI, Jenkins, Maven, ActiveMQ, MySQL, Apache, Jetty, Tomcat, Nagios, Solaris AI, Bind/PowerDNS, Git/Gerrit/Gitorious, Squid, HA-proxy | |
| Hardware: | Citrix NetScaler, Cisco 6500, SUN, Dell Blade M1000e, Dell R610/710 | |
| Techniques: | MQ, JMX, Thrift, JSON, SQL, XML, PXE | |
| Werkwijze: | Kanban, Daily Standup, DevOps, Agile, SCRUM. | |
| <hr/> | | |
| Rabobank | Financieel | Utrecht |
| | Rabobank is an international operated financial institution. | |
| Technical Application Support | Freelance | Jun 2011 – Sep 2011 |
| | I'm supporting the MQ MessageBus infrastructure where all the financial messages between different financial systems come together. | |
| OS: | Linux RedHat, Solaris 10, AIX | |
| Software: | MQ, Sybase, Oracle | |
| Hardware: | HP ProLiant | |
| Techniques: | MQ/JMX, SQL, XML | |

Experience (continued)

| | | |
|--|---|----------------------------|
| REDUNIX | Internet Hosting | Rotterdam |
| | REDUNIX is an Internet Service Provider specialized in Managed Servers, Colocatie & WebHosting. In-House DataCenter, 2500m2, 10 employees, 500.000 euro turnover. | |
| COO | DGA | Aug 2005 – Aug 2010 |
| | Founded company and made it big with providing just damn good service to our customers and keeping high standards with technique and staff. <ul style="list-style-type: none"> • Purchasing • Marketing • Sales • Supervisor Helpdesk • ProjectManager customer projects • Finance Control | |
| ICT Infrastructure Architect System Engineer Network Engineer Virtualisation & Cluster Specialist | Vast | Aug 2005 – Aug 2010 |
| | Design, Building & Maintenance of serverpark <ul style="list-style-type: none"> • Manageming 800 Servers. Managed, Colo, Web, DNS, Mail, Backup. • 3e Line Support • Standby shifts • Design & Maintenance MPLS BGP Fiber Network. • Server Provisioning with kickstart, PXE & Cfengine. • LVS Clustering of web-platform & special customers. • Virtualization platform: Open-E iSCSI SAN +VMware vSphere HA & DRS. | |
| | OS: Mixed: Linux Debian, RedHat, SuSe, Windows Server, FreeBSD, Mac OS X, VMware vSphere/ESXi 4.1 | |
| | Software: HA-Proxy, Heartbeat, IPVS/LVS, NFS, DRBD, GFS, Ext4, LVM, Rsync Apache, MySQL, PHP, DirectAdmin, Plesk, dhcpd,tftpd, Bind, Wiki, BackupPC, SpamAssassin, ClamAV, Nagios, Puppet, Bash, Quagga, Nagios, Zabbix, Tomcat, JBOSS, BIND, IIS, Postfix, Exim, IPtables, CSF, Grub | |
| | Hardware: SuperMicro, Dell, HP servers, Cisco switches & routers | |
| | Network: IP, Ethernet, BGP Routing, Cisco switching, VLAN, STP, BGP, MPLS, EIGRP, IPSec, | |
| | Techniques: HTTP,DNS,SMTP..., PXE, SSL, IPMI, SNMP | |
| Web Developer | Vast | Aug 2005 – Aug 2010 |
| | Design & Building klantenpaneel. <ul style="list-style-type: none"> • Customer Relations Management • Server Maintenance (out-of-band IPMI & VMware, provisioning) • Datacenter Maintenance • Domeinregistrations, dns-management | |
| | Platofrm: Linux, Apache, MySQL, PHP | |
| Qweb | Storage Consultant + Linux Engineer | 2010 – 2010 |
| | Ontwerp/Realisatie ZFS SAN Storage. Inrichten Backup + Provisioning systemen. | |
| ProDutch | Entrepreneur – Internet Hosting | 2010 – 2011 |
| | Supplying High-Available Managed Linux VPS using VMWare + Infiniband SAN Storage in Dual-DC. | |
| Luna.nl | ISP – Linux Engineer | 2004 – 2005 |
| | (Web)Server & Network Management, ADSL | |
| MagicMinds | Web Developer | 2000 – 2003 |
| | Java, PHP, Flash developer for dutch famous sites. | |
| Emanon | Application Development | 1998 – 2012 |
| | ASP.Net Development of a Pension Application. | |

Skills

| Operating System | Niveau | Ervaring |
|------------------------|--------------|----------|
| Linux Debian | Architect | +10 year |
| Linux RedHat | Architect | +15 year |
| Linux SuSe | Associate | 6 year |
| Solaris 10/11 | Professional | 5 year |
| FreeBSD | Associate | 5 year |
| MS Windows Server 2008 | Professional | +10 year |
| Mac OS X Server | Associate | 2 year |

| Hardware | Niveau | Ervaring |
|------------------------|--------------|----------|
| SuperMicro | Architect | 10 year |
| HP ProLiant SUN Fire | Professional | 10 year |
| DELL PowerEdge | Architect | 8 year |
| IPMI iLo DRAC | Architect | 7 year |

| Clustering | Niveau | Work |
|----------------------------|--------------|----------|
| RedHat Cluster Suite | Professional | 6 year |
| Linux Virtual Server (LVS) | Architect | 7 year |
| arp ip route netns | Architect | +10 year |
| Quagga (routing) | Architect | 8 year |
| HA-Proxy | Architect | 8 year |
| HeartBeat Keepalived | Architect | 8 year |

| Storage | Niveau | Ervaring |
|-----------------------------|--------------|----------|
| Fibre-Channel Infiniband | Professional | 4 year |
| Solaris ZFS Nextenta | Professional | 3 year |
| NFS iSCSI Rsync CIFS | Architect | 9 year |
| DRBD | Professional | 8 year |
| Ceph | Master | 2 year |
| SCST (Linux SCSI Target) | Professional | 5 year |
| GFS GlusterFS | Professional | 10 year |
| Ext4 ReiserFS XFS LVM | Architect | +15 year |
| Mellanox Infiniband | Professional | 2 year |
| Adaptec Areca LSI Raid | Architect | 10 year |
| NetApp | Professional | 2 year |

| Networking | Niveau | Ervaring |
|--|--------------|----------|
| IPv4, TCP, UDP | Architect | +15 year |
| IPv6 | Associate | 2 year |
| HTTP,FTP,POP3,IMAP, SMTP, DNS, SSH, SNMP | Architect | +15 year |
| LDAP | Professional | 8 year |
| DHCP,PXE, Kickstart | Architect | 10 year |
| BGP, OSPF, RIP, VRRP | Master | 8 year |
| MPLS | Associate | 2 year |
| Ethernet, ARP, STP, VLAN | Architect | 10 year |
| IPSec, GRE, PPTP, OpenVPN | Architect | 9 year |
| Frame-Relay, ATM | Associate | 1 year |
| ADSL SDSL WiFi | Professional | 3 year |
| Cisco Switching | Professional | 14 year |
| Cisco Routing | Professional | 6 year |
| Cisco PIX ASA Firewall | Professional | 6 year |
| Citrix NetScaler | Associate | 2 year |
| F5 Big-IP | Professional | 2 year |
| Juniper M7i | Associate | 2 year |

| Virtualisation | Niveau | Ervaring |
|----------------|--------------|----------|
| VMware vSphere | Master | +15 year |
| RHEV / oVirt | Professional | 3 year |
| Xen | Professional | 3 year |
| KVM / LibVirt | Professional | 8 year |
| Docker | Professional | 2 year |

| Cloud (IaaS) | Niveau | Ervaring |
|--------------------|--------------|----------|
| OpenStack | Professional | 1 year |
| Puppet | Architect | 6 year |
| Terraform Consul | Professional | 1 year |
| AWS | Professional | 3 year |

| DevOps (PaaS) | Niveau | Ervaring |
|----------------------|--------------|----------|
| OpenShift | Professional | 1 year |
| CloudFoundry | Associate | 0 year |
| Jenkins | Professional | 4 year |
| Maven Ant Groovy | Professional | 6 year |
| Fitnessse Twist | Associate | 1 year |
| Gerrit Git Flow | Professional | 2 year |
| Git GitLab SVN | Professional | 8 year |
| Tomcat JBOSS | Architect | 10 year |

| Development | Niveau | Ervaring |
|-----------------------|--------------|----------|
| PHP | Architect | +15 year |
| ASP Classic ASP.Net | Master | +15 year |
| HTML CSS XSL | Architect | +15 year |
| Javascript jQuery | Architect | +15 year |
| Perl Python Ruby | Professional | +10 year |
| Java (J2EE) | Professional | 6 year |
| Flash | Professional | 4 year |