

VIGNARAJAH GLENNIE
SITE RELIABILITY ENGINEER
(remote)

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WORK HISTORY

2022-02

System Engineer

HAPROXY

(International team,
remote)

As a remote **senior system engineer** in a international team (spread across several countries and time zones), my main task is to **automate** servers and applications deployments (*puppet, php, python, nodeJS, java*), **secure** (*iptables, clustering, backups, monitoring*), **optimize**, **debug** (resolve incidents, root cause indentification), and creating documentation.

I, also, took care of more than 2500 servers' *move from one data center to an other* (pre migration audits, shutdown servers with high availability constraints, bringing them back to service).

2019-04 - 2022-02

Senior Site Reliability Engineer

Cybeletech

(Paris, remote)

As a remote **senior system engineer** with **DEVOPS/SRE** and **growth** mindset, working remotely for a small startup, my main task is to **automate** (*ansible, bash, python*), **secure** (*iptables, CI pipelines, backups, Git, user authentication & authorization, load balancing and failover with haproxy and keepalived, backups*) and **monitor** (*monit, netdata, custom scripts*) everything (from servers to applications deployment written in *nodeJS/python/C++* using containers, including my position when applicable).

Among other tasks, I also **support** internal users (data scientists and software engineers using debian and upper management using windows laptops) and maintain **internal tools** (*gitlab* and *gitlab-CI, seafile* for file sharing, *urbackup, vpn, mattermost, youtrack* for project mangement etc.)

2017-08 - 2019-04

Site Reliability Engineer

Mediapart

(Paris, remote)

As a **seasoned** remote **system engineer** with **SRE/DEVOPS** philosophy, in a distributed team, my daily duty was to keep the web hosting platform (*debian, haproxy, nginx, varnish, php, mariadb, elasticsearch, redis, memcache...*) and internal servers/tools (*openvpn, backups, mattermost*) secure and fully functional.

I, also, supported the software developer team in their daily tasks by taking care of the CI platform (*git, bamboo, stash, docker*) and providing technical tips, assistance, and best practices.

2014-11 - 2017-08

System administrator

Oxalide

(Paris, remote)

As a remote **experienced sys. admin.** (with a huge appetite for **devops philosophy** and **automation**) at Oxalide, my task was to keep the **high availability web**

hosting platform of our customers fully functional and optimized for coast and performance using some of the best piece of open source software (*debian, varnish, haproxy, apache, nginx, php, mysql* etc).

In order achieve this goal, my main tasks involved **deploying, debugging** and **optimizing** web applications, maintaining the **knowledge base** up to date, **hardening** and **updating** software and os stack, **project management** and taking part of the **oncall** schedule.

I also acted as an entry point for customers providing support and operate as efficiently and effectively as possible through **continuous monitoring, root cause identification** and **resolution** (via **blameless post-mortems**) related to the infrastructure and deployed applications.

2012-11 - 2014-10

Senior System Support Engineer

AMAZON.FR Logistique
(Chalon, onsite)

I made all my best to get the customers' orders delivered on time using my **project management** (*change management, deliver projects on time*) and **technical infrastructure management** (*thin clients, wifi coverage, printers, laptop management*) skills.

2002-09 - 2012-09

System administrator

A. T. I. H.
(Lyon, onsite)

I kept ATIH's servers (*LAMP platform, Sun SPARC, windows 2003, disaster recovery*) and applications (*tomcat, mysql, postgres, postfix, bind, mail filtering with amavis and spam assassin, backups, antivirus*) performing at their **optimal performance**.

SKILLS

Operating systems

Linux (debian, RedHat, arch), Solaris 8/9/10, Windows (2000, XP, Seven, 2003, 2008, 2012, 8, 10), HP-UX, Netware.

Scripting

Bash, python

Hardware

x86/x64 and sparc (Mx000 et Vx40 line) based hardware setup and configuration, stockage arrays (3PAR, JBOD), printers, backup peripherals.

Databases

Mariadb/MySQL (setup, configuration, backup, optimization replication), mongodb (setup, configuration, backup, replication), postgresSQL (setup, configuration, backup), MS SQL Server (setup, configuration, backup), cassandra, clickhouse, memcache/mcrouter, redis

Network

Local TCP/IP network deployment and management

Security	LAMP stack securing, firewalls setup using iptables, OS and application Hardening. Implementation of a global security policy and application at the company level.
Messaging Instant Messaging	Postfix, Cyrus, filtering (amavis, spamAssassin, clamAV, greylisting, RBL, URIBL, DNSBL, spf), roundCube, mattermost
Clustering Loadbalancing Failover	Mariadb (replication master/hot spare, master/slave), clustered filesystems (OCFS2, DRBD), ipvs, heart beat, haproxy, mongodb (replication)
Virtualization Containerization Orchestration	Linux Vserver, Solaris Zone, Qemu/KVM/Xen, VirtualBox, vmware/vSphere, Hyper-V, docker, containerd, docker compose
Storage	Multiple Devices Driver (Raid and Device Mapper for Linux), LVM2 (Linux), SDS (Solaris 8/9), ZFS, Multi-Pathing, SAN arrays (MTi, HP/3PAR), switches (Brocade 3200), NFS, CIFS, HDFS, JBODS
Backups	Cpio, tar, rdiff-backup, rsync, Netvault, urbackup, backupninja custom hot backup scripts (mysql, mongodb, postgresql, OpenLDAP, ms sql server).
Monitoring	Netdata/prometheus/grafana, elasticsearch/kibana, Munin, monit, logcheck, rkhunter, Nagios/icinga/centreon and custom scripts.
Misc	Firefox, LibreOffice, KDE, Active Directory, samba, ssh, SAS, Tomcat, bind, git, Subversion, Wikis (MoinMoin), Android, outlook, chef, Linux kernel building, AWS, CAS, redmine, github, glassfish, Let's encrypt, cgroups, strace/ltrace, JIRA, tcpdump, influxDB, seafile, rabbitMQ, nginx, airflow
Soft Skills	Empathic, team work spanned through multiple countries/time zones, critical thinking, leadership, work ethic, metacognition

Trainings / Education

2018	Introduction to firewalling (fortigate – 2 days)
2010	ZFS management (Oracle – 3 days)
2007	Introduction to JAVA (Sqli – 5 days)
2006	Introduction to multidimensional databases (Hyperion – 5 days)
2005	Sun Cluster 3 (Sun – 5 days) Veritas Volume Manager (Sun –S 4 days) V. A. E (Licence Professionnelle Systèmes Informatiques et Logiciels, diploma delivered by the university Lyon 2)
2004	Weblogic 8 Administration (BEA – 5 days)
2003	Net Backup 4.5 (Veritas – 4 days)
1999	D. U. T. informatique (diploma delivered by the university Paris 13)
1996	Baccalauréat scientifique, option: mathematics

Misc

Languages

English (proficient)

French (fluent)

Volunteer work

Administration of Linux server for Ambronay city (web site, mail, dns, backups)