

VIGNARAJAH GLENNIE
SENIOR SYSTEM ENGINEER
(remote)

90 rue du fort de Troyon
42300 Mably
France

E-Mail: glennie@glennie.fr
Web: <https://www.glennie.fr>

Phone: +33 615 55 16 66

PROFESSIONAL SUMMARY

Results-driven **Senior System Engineer** with **20+ years of experience** in infrastructure automation, **high-availability systems**, and cloud computing. Expert in **Linux environments, security hardening, containerization, DevOps and SRE methodologies**. Proven track record in **performance optimization, incident resolution, and cross-functional team collaboration**. Passionate about implementing **scalable and secure solutions** to support business continuity.

WORK HISTORY

Senior System Engineer

Since 2022-02

HAPROXY

International remote team

- Automated **server and application deployments** (**Puppet, PHP, Python, NodeJS, Java**) on both on-premise and cloud platforms (**AWS/GCP**).
- Enhanced **security and HA** via **iptables, clustering, backups, and monitoring**.
- Optimized **system performance** and executed **root cause analysis** to resolve incidents efficiently.
- Led the **migration of hundreds of servers** between data centers, ensuring **seamless transitions** and **high-availability compliance**.
- Developed **detailed documentation** for system operations and troubleshooting procedures.

Senior Site Reliability Engineer

2019-04 - 2022-02

Cybeletech

Paris, remote

- Automated and secured infrastructure using **Ansible, Bash, Python, iptables, and GitLab pipelines**.
- Implemented **load balancing & fail-over solutions** using **HAProxy and Keepalived**.
- Monitored infrastructure health using **Monit, Netdata, and custom scripts**.
- Provided technical support to **data scientists & software engineers**, maintaining internal tools such as **GitLab, Seafile, Urbackup, VPN, Mattermost, and YouTrack**.

Site Reliability Engineer

2017-08 - 2019-04

Mediapart
Paris, remote

- Managed **highly secure & high-availability web hosting platforms** using **Debian, HAProxy, Nginx, Varnish, PHP, MariaDB, Elasticsearch, Redis, and Memcache**.
- Supported **internal software developers**, overseeing **CI/CD pipelines (Git, Bamboo, Stash, Docker)** and troubleshooting complex issues.

System administrator

2014-11 - 2017-08

Oxalide
Paris, remote

- Optimized **high-availability web hosting platforms** using **Debian, Varnish, HAProxy, Apache, Nginx, PHP, MySQL**.
- Deployed, debugged, and optimized **web applications** while ensuring **cost-efficiency**.
- Created **incident reports and post-mortems** for continuous infrastructure improvements.

Senior System Support Engineer

2012-11 - 2014-10

AMAZON.FR Logistique
Chalon, onsite

- Led **technical infrastructure projects**, including **WiFi coverage, laptop provisioning, and printer deployments**.
- Managed system support operations to ensure **timely customer order deliveries**.

System administrator

2002-09 - 2012-09

A. T. I. H.
Lyon, onsite

- Administered **LAMP-based web applications** and **Sun SPARC/Windows 2003 environments**.
- Implemented and maintained **backup solutions, disaster recovery protocols, and mail filtering systems**.
- Managed **Tomcat, MySQL, PostgreSQL, Postfix, Bind, and security hardening policies**.
- Maintained optimal performance of ATIH's servers and applications, ensuring **high availability and reliability**.
- Implemented and managed **backup solutions** and **antivirus protection** to safeguard **data integrity and security**.

TECHNICAL SKILLS

Operating systems

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

Scripting / automation

Bash, python, ansible, puppet, terraform

Hardware

x86/x64 and **sparc** (Mx000 et Vx40 line) based hardware setup and configuration,

stockage arrays (3PAR, JBOD), printers, backup peripherals

Databases	Mariadb/MySQL , mongodb, postgresQL, MS SQL Server, cassandra , clickhouse, memcache/mcrouter , redis , valkey
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	Postfix , Cyrus , filtering (amavis, spamAssassin, clamAV, greylisting, RBL, URIBL, DNSBL, SPF), roundcube, mattermost
High-availability	Mariadb/MySQL (replication), clustered filesystems (OCFS2, DRBD), ipvs, heart beat, haproxy , mongodb (replication), mcrouter
AI Prompts	Mistral AI , ChatGPT
Virtualization Containerization Orchestration	Qemu/KVM/Xen , docker , vmware/vSphere, Hyper-V, Linux Vserver, Solaris Zone,, VirtualBox,, containerd , and docker compose
Storage	NFS , CIFS , HDFS , S3 , 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)
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	Empathy , 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)
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)

Weblogic 8 Administration (BEA – 5 days)

Net Backup 4.5 (Veritas – 4 days)

D. U. T. informatique (diploma delivered by the university Paris 13)

Baccalauréat scientifique, option: mathematics

2004
2003
1999
1996

Misc

Languages

English (**proficient**)

French (**fluent**)

Volunteer work

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