



## Skills

- Communication
- Leadership
- Team management
- Systems and network administration
- Production
- Live System Support
- Project implementation and project owner

## Languages

French Mother tongue  
English C1 - Advanced

## Hobbies

Travel, Photo, Cryptocurrency, DIY, Origami, Music

## Contact

Thomas VARETZ  
78125 Vieille-Église-en-Yvelines

+33 (0)6 37 66 29 06  
thomas@varetz.fr

## Miscellaneous

41 years old  
Driver's license - with vehicle

## Technologies

### Linux :

Debian / Ubuntu, Red Hat / CentOS, FreeBSD

### Container :

Kubernetes, Helm, Docker, Kong, Cert-manager, Vsphere / Openstack CSI, K3s, MiniKube, KinD

### DevOps, CI/CD, IaC :

Ansible, Gitlab, Terraform, Puppet, Chef

## Professionnal experiences

### IT Architect & Integrator

april 2022 - Today

AIRBUS DS SLC  
Elancourt

#### Technical environment

- Kubernetes, Helm, Docker, Kong, Cert-manager, Vsphere / Openstack CSI, K3s, MiniKube, KinD
- Ansible, Gitlab, Terraform
- Prometheus, Grafana, Thanos, Alertmanager, Loki

### Senior Linux Administrator / DevOps Engineer / Team leader

march 2018 - march 2022

BERTIN IT  
Montigny-le-Bretonneux

Within a team of 3 people with a fleet of 170 equipment, for SME / key account customers (CA-CIB, Société Générale, Cision, Kantar media).

Objectives: Transform a homemade solution of "Speech-to-Text" in a turnkey product that can be installed in a high security constraints environment (banking trading rooms). Definition of the infrastructure needs, implementation, production and LSS of the fleet. Maintain the CI / CD pipeline as well as the middleware developed for the "Speech-to-Text" product. Manage the team, coordinate its work and anticipate its areas of development.

- Development of a state-of-the-art application stack, distributable by package manager
- Establishment of a complete CI / CD pipeline used as a reference by other products
- Integration of SaaS and On-premise solutions
- Work in close collaboration with product managers, development / R&D teams
- Carry out the installation of the various products, carry out the necessary implementation and qualification operations
- Service level guarantor and customer / user representative
- In charge of LSS for SaaS production, internal infrastructures and supplier management
- Monitoring of indicators, incidents, requests and creation of operational reporting
- Identification of improvement plans for the various processes
- Writing of technical documents and detailed installation procedures
- Participation in customer training on technical administration and advanced solutions functions
- Definition and evaluation of individual objectives, in line with the company's strategy
- Responsible for organizing the team and developing individual / collective capacities
- Support and management of customer projects, from launch to delivery
- Rationalization and cost reduction
- Participation in pre-sales

#### Technical environment

- LEMP Stack + Slurm clusters
- Chef Omnibus : Creation of a full-stack package with single file configuration
- CI/CD pipeline : Gitlab-ci, Docker, Terraform, Ansible, Proxmox
- Packages server apt (nginx + freight) and yum (nginx + createrepo)
- Middleware in Bash using Chef Omnibus Ruby models, automatic launch of "Speech-to-Text" processing on new file arrival with Fswatch
- Proxmox Clusters
- Monitoring and metrics with Zabbix server / proxy, Grafana

**Cloud :**  
Cloudflare, AWS, GCP, Azure,  
Scaleway, OVH

**Web server :**

Nginx, Apache, Lighttpd,  
Tomcat, Caddy

**Database :**

Mysql / Mariadb, Postgresql,  
Sqlite

**High availability :**

Squid, Haproxy, Keepalived

**Monitoring and metrics :**

Zabbix, Prometheus, Grafana,  
Thanos, Alertmanager, Loki,  
Munin, Mon, Nagios

**Virtualization :**

Lxc, Kvm, Proxmox, Xen,  
Virtualbox, Vmware

**Programming / Scripting :**

Bash, Php, Html, Perl, Python,  
Javascript, Ruby

**Security :**

Fail2ban, Rkhunter, Zed Attack  
Proxy, Greenbone Security  
Manager

**Firewall :**

Unifi, pfSense / OPNSense,  
Zyxel, Iptables, Shorewall, Ufw,  
Palo Alto

**Diagnostics :**

Strace, Syslog, Top, Netstat,  
Lsof

**Backup :**

Rsync, Snapshot, Rsnapshot,  
Bacula, Backup-manager, Cp

**Remote control :**

Ssh, Vnc, Telnet, Nx, Rdp

**High performance :**

Openmpi, Numa, Slurm, Munge

**Network :**

TCP/IP, Lan, Vlan, Dhcp, Pxe,  
Tcpdump, Loadbalance

**Server :**

Ftp, Dns, Smtpp, Imap, Pop

**IT manager**

January 2016 - October 2017

In charge of a fleet of 130 equipment, for key account customers (Total, Shell, Bp, ExxonMobil).

Objectives: Fleet implementation, production and LSS.

- Development of the technical strategy in line with the company objectives
- Management of the information system and development of business projects
- Functional studies and architectural recommendations
- Management of suppliers
- Installation, maintenance and securing of the information system
- Support, assistance and training for users and cross-functional functions

**Technical environment**

- HPC Clusters (10-16 nodes each) on Ubuntu with OpenMPI, Numa, Knem, for Hycom et Matlab application
- NFS storage server of 300TB in Raid 60 with Multipath and data replication
- Infiniband / Ethernet network for 4 bays in private room
- Virtual machines with LXC containers
- Deployment with Ansible and Docker
- Multisite interconnection and security with Openvpn, Shorewall, Fail2ban
- LEMP servers
- Load balancing and high availability with Keepalived, Haproxy, Nginx
- DNS (Bind), Mail (Cyrus, Postfix, Spamassassin), FTP (Proftpd)
- Monitoring and metrics with Zabbix + development of internal tools (Bash, Php/Mysql, Snmp)
- Project management with Redmine

**System and network administrator**

October 2010 - November 2015

Within a team of 3 people with a fleet of 200 equipment, for VSE / SME customers (Grosbill, Auchan, programme-tv.net).

Objectives: Fleet implementation, production and LSS.

- Level 3 incident management / resolution
- Client project management: Needs collection, Build (implementation), Run (production, LSS)
- Supervision of systems and applications, during the day and on call 24/7
- Users support
- Pre-sale

**Technical environment**

- LAMP / LEMP servers on Debian
- Virtual machines with KVM
- Multisite interconnection and security with Openvpn, Iptables, Fail2ban
- Load balancing and high availability with Keepalived, Squid, Nginx
- DNS (Bind), Mail (Courier / Dovecot, Postfix / Qmail, Spamassassin), FTP (Pureftpd)
- Monitoring and metrics with Munin and internal tools
- Management of client projects with Redmine or Gitlab
- Managing customer tickets with Cerberus

SAT-OCEAN  
Versailles

SERVEUR-EXPRESS  
Vincennes

## System and network administrator

AGARIK  
Saint-Ouen

January 2009 - October 2010

Within a team of 30 people with a fleet of more than 1000 equipment, for SME / key account customers (Dassault, Sfr, JeuxVideo.com).

Objectives: Maintaining the fleet in operational condition.

- Level 2 incident resolution and scalable maintenance
- Users support
- Supervision of systems and applications, 24/7 in 3x8
- Live System Support

### **Technical environment**

- LAMP servers on Centos
- Virtual machines with Vmware
- Multisite interconnection and security with Openvpn, Iptables, Fail2ban
- DNS (Bind), Mail (Dovecot, Sendmail, Spamassassin), FTP (Proftpd)
- Monitoring, metrics and management of customer tickets with internal tools

## Entrepreneur

ALPHA WEB  
Île-de-France

December 2005 - May 2017

EURL : Dec. 2005 - Dec. 2008 / Auto-entrepreneur : Mar. 2009 - May. 2017, with more than 300 customers (1/3 VSE/SME, 2/3 individuals).

- Administrative, financial and technical management of the company
- Customer / supplier relationship management
- IT outsourcing
- Website development
- Hardware sale

### **Technical environment**

- LAMP / LEMP servers on Debian
- Virtual machines with Openvz / LXC containers (Proxmox)
- Deployment with Ansible and Docker
- Multisite interconnection and security with Openvpn, Shorewall, Fail2ban
- DNS (Bind), Mail (Dovecot, Postfix, Spamassassin), FTP (Pureftpd)
- Load balancing and high availability with Keepalived, Haproxy, Nginx
- Monitoring and metrics with Zabbix, Munin, Mon + development of internal tools (Bash, Php/MySQL, Snmp)
- ERP and CRM with Dolibarr

## **Professional training**

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ITIL® Foundation v3

2018

## **Diplomas**

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BTS Informatique de gestion Spécialité ARLE

2005