

Raphaël BERLAMONT

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// ABOUT ME

Independent infrastructure engineer with over 20 years of experience, helping companies transform and industrialize their IT. Kubernetes, cloud, automation, and security specialist. I led the complete infrastructure overhaul at LittleBig Connection, combining strategic vision, technical expertise, and team leadership. My work remains highly hands-on, especially around automation, CI/CD and platform tooling.

// EXPERIENCES

LittleBig Connection

2019 - 2025

Head of Infrastructure / Lead Infra - 100% remote

Led the transformation of the company's infrastructure into a highly available and secure Kubernetes platform; managed a distributed team (FR/ES/TN); security governance and deployment industrialization.

Key projects and results:

- Proxmox to Kubernetes transformation: high availability, scalability, and zero-downtime deployments.
- Implemented ArgoCD and on-demand development environments; significant release cycle acceleration.
- Security: HashiCorp Vault + External Secrets, NetworkPolicies, and CI/CD hardening (vulnerability scans).
- Implemented encrypted multi-site backups with redundant storage in France and the Netherlands, and encryption key management in Vault.
- Replaced OpenVPN by Tailscale (~300 users).
- MySQL, MongoDB, Redis, and RabbitMQ clustering; maintenance without downtime.
- Led and maintained ISO 27001 certification for infrastructure and hosting scope.
- Selected a French cloud provider to strengthen data sovereignty and customer trust.
- Coached and mentored an international team; 0 turnover over the period.
- Observability: centralized logs and monitoring (ELK/Elastic/APM, CheckMK, Grafana).
- Impact: uptime consistently near 100% on most critical components, major downtime reduction, and a move from bi-monthly releases to continuous deployments.

Technologies :

Kubernetes, ArgoCD, Helm, GitLab CI/CD, Ansible, Terraform, HashiCorp Vault, External Secrets, Docker, MySQL (InnoDB Cluster), MongoDB, Redis, RabbitMQ, Elastic/ELK, Grafana, Tailscale, CheckMK, Proxmox, Scaleway, Azure

THALES Global System

2019

Short-term Linux DevOps Engineer engagement

Within the standards team, my main mission was to bring my knowledge of the Ubuntu distribution.

Deliverables :

- Industrialized a hardened Ubuntu AMI per CIS recommendations.
- Installed PaSSHport in a lab.
- Built a CI pipeline to generate OVA images with Packer using GitLab and Jenkins.

Technologies :

Packer, Jenkins, GitLab, Ubuntu, CIS-Assessor, AWS, git

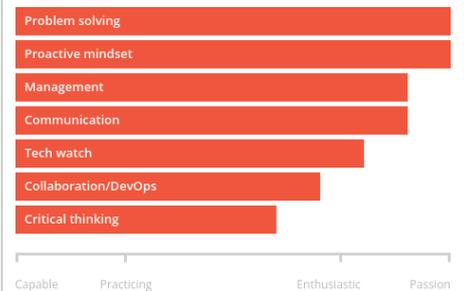
LibrIT

2016-2018

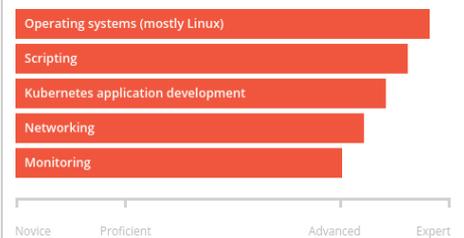
Engineering, PaSSHport

Developed LibrIT's customer base while delivering Open Source/Linux engineering projects. Built PaSSHport, which centralizes access to Unix servers.

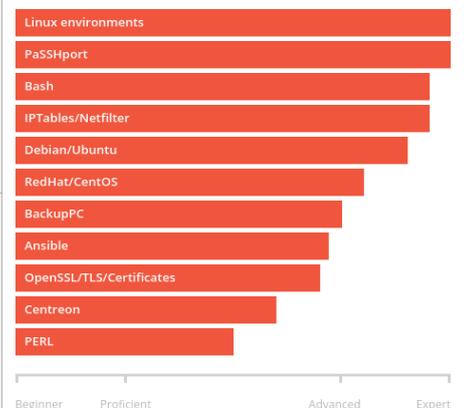
// SOFT SKILLS



// HARD SKILLS



// TOOLS SKILLS



	<p>Deliverables:</p> <ul style="list-style-type: none"> - Dockerized PaSSHport - Wrote gettext documentation with translations - Monitoring training - Implemented high availability based on heartbeat/pacemaker - Backup server for a startup - Evaluated fleet orchestration solutions - Studied and deployed PaSSHport at JCDecaux - Log centralization - Implemented a PKI <p>Technologies:</p> <p>Docker, gettext, readthedocs, BackupPC, HeartBeat, Pacemaker, Centreon, PERL, check_mk, Markdown, Saltstack, Ansible, PaSSHport, PostgreSQL, DRBD, GrayLog, git, bcache, EJBCA</p>	<p>// TOOLS AND TECHNOLOGIES</p> <p>✓AWS ✓Ansible ✓Apache ✓Git ✓NGINX ✓Libvirt ✓PFsense ✓Packer ✓Docker ✓ELK ✓K8s/Kubernetes ✓OpenBSD ✓DRBD ✓BackupPC ✓Postfix ✓Scaleway</p> <p>// LANGUAGES</p> <p>French (mother tongue) ★★★★★ English (TOEIC 790 - 2006) ★★★★★ Japanese (Hobbie) ★</p>
<p>JCDecaux 2011-2016</p>	<p>Lead / Linux Engineer</p> <p>Contracting via my company (LibrIT), I was the Linux/OpenSource lead engineer in the engineering/IT department at JCDecaux (Plaisir - 78370).</p> <p>Deliverables:</p> <ul style="list-style-type: none"> - Implemented log centralization - Upgraded the Slackware technical baseline - Deployed the main firewall for the London subsidiary - Led the monitoring engineering team - Improved "client" satisfaction - Secured monitoring of large display structures at CDG - Level 3 support <p>Technologies:</p> <p>Graylog2, Logstash, Slackware, Centreon, Request Tracker, RedHat, Netfilter/IPTables, Pacemaker, PERL, Squid, Apache, Heartbeat, OpenVPN, SquidGuard, bind, Samba, OpenVPN, Bash</p>	<p>// HOBBIES</p> <ul style="list-style-type: none"> - Technologies/Science - Basketball - Home renovation <p>// EDUCATION / DEGREES / CERTIFICATIONS</p> <p>2020 Certified Kubernetes Application Developer (CKAD) 2006 Master EPITA en sécurité informatique (Bac+5) 2004 Diplômé d'ISCIO (Bac+4) 2002 DEUST Polytech Paris (Bac+2) 2000 BAC STI Génie Électronique</p>
<p>LibrIT 2011</p>	<p>Creation of the company LibrIT</p> <p>SAS with a 10,000 EUR capital. Erwan Le Gall joined as a partner in 2013. LibrIT provides general OpenSource/Linux services. Clients include JCDecaux, Perfony, Thales Global System, PretGo, Headoo, CDG04, CDG44 (contacts on request).</p>	
<p>IONIS-STM (ex Master EPITA) 2009-2019</p>	<p>Instructor/Trainer</p> <p>For 10 years, I taught each year at IONIS-STM (formerly "Masters EPITA"): 12 hours on securing network architectures ("Firewall") and 12 hours on Linux system administration. The target audience was mainly master's-level (BAC+5) students, future graduates in information security.</p>	
<p>OMNIKLES 2008-2011</p>	<p>Infrastructure Manager</p> <p>From July 2008 to July 2011, I was infrastructure manager at OMNIKLES (www.omnikles.com), a SaaS software publisher. I was responsible for production, technology choices, and the internal fleet. Human relations and open systems (Debian, OpenBSD, Ubuntu) were part of my daily work.</p> <p>Deliverables:</p> <ul style="list-style-type: none"> - Industrialized production releases - Improved ROI through virtualization - Reduced customer data loss risk to 0% - Secured data transfers between data centers - Implemented a ticketing tool - Defined and implemented security best practices - Proactive monitoring policy <p>Technologies:</p> <p>PERL, Apache, Debian, Nagios, Request Tracker, OpenBSD, Netfilter/IPTables, DRBD, PacketFilter, Contrackd, Apache, libvirt, pfsync, KVM, bind, Bash, JunOS, BackupPC</p>	
<p>LINAGORA 2005-2008</p>	<p>Linux Engineer</p> <p>First full-time role. Delivered multiple on-site missions and engagements for SMEs and large international groups, including defense sites.</p>	