

Freddy Frouin

Senior Linux Infrastructure / DevOps / Monitoring Consultant

Critical systems · Operations · Automation · Operational security

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Independent consultant with 25 years of experience in open infrastructures, critical systems, production operations, monitoring and automation. I help organisations audit, secure, deploy, operate and industrialise Linux and open-source application platforms, with experience across public-sector organisations, banking, healthcare, telecoms and software vendors.

Core skills

Systems / infrastructure

Linux/UNIX, IP networks, virtualisation, storage, high availability and open-source environments.

Operations

Production operations, incidents, changes, 24/7 service continuity, vendor support, RMA coordination, documentation.

Automation / DevOps

Infrastructure automation, provisioning, configuration management and deployment industrialisation.

Agentic AI

AI agents for IT operations assistance: live messaging, email, documentation and infrastructure API access through MCP components, with human control and traceability.

Monitoring

Infrastructure/application monitoring, observability, metrology, dashboards, alerting, SNMP, performance.

Security

Exposure reduction, secure remote access, VPNs, antivirus/antispam filtering, secure messaging.

Delivery

Audit, consulting, customer relationship, suppliers, technical coordination, R&D and innovation projects.

Client references

French Ministry of Finance (DGI, DGCP), French Ministry of Health (GIP-CPS), Direction Générale de la Modernisation de l'État (ADAE), Chambre des Notaires de Paris, Rabobank, AXA Banque, Sanofi-Aventis, L'Oréal, La Redoute, Tv-Only, Medysys, Algérie Télécom, Orange Tunisie, CommuniGate Systems, MailSPEC.

Professional experience

Independent Consultant

04/2025 – 09/2026 · Freelance · Azay-le-Brûlé / Paris / Albi

- Deployed and maintained application platforms and customer infrastructures in production conditions.
- Operated, monitored and improved Linux and open-source environments using Ansible, MAAS, Zabbix, Poste.io, Grafana/Loki, MinIO, CloudStack and LINSTOR.
- Managed hardware incidents and coordinated supplier support through to resolution.
- Contributed to a programme reducing exposure to vulnerabilities and security flaws.

R&D Programme Director

02/2020 – 04/2022 · MailSPEC · Parthenay, France

- Defined and developed a functional prototype for the EasyCrypt concept.
- Contributed to the patent filing for the EasyCrypt technology.
- Participated in a French Public Investment Bank innovation competition.
- Recruited and coordinated technical teams in France.
- Managed projects with partners and sensitive customers in a managed-services context.

Independent Consultant

06/2015 – 04/2022 · Freelance · Parthenay, France

- Developed an application integrating Kaspersky technology for antivirus and antispam filtering of CommuniGate Pro email flows, including a real-time reporting interface for CommuniGate Systems.
- Managed multi-site IT infrastructures for La Pièce Auto: LTSP, MySQL replication, instant messaging, centralised calendars and contacts.
- Provided managed IT services for Medysys sites in Orsay and Mâcon: level-2 support, Linux Red Hat/Debian/Ubuntu, Xen, OBM, Arkeia, OpenLDAP, GLPI and OCS Inventory.
- Implemented Zabbix monitoring, business dashboards and secure VPN links with CNES and Renault.
- Developed two application modules for the Chambre des Notaires de Paris production platform: 10,000 accounts, email-flow security and archiving.

Independent Consultant

01/2012 – 06/2015 · Freelance · Paris, France

- Deployed Zabbix, OpenVPN and CommuniGate Pro for Tv-Only in a Mac OS X network, delivering monitoring, secure access, VoIP and application performance improvements.
- Rationalised hardware and migrated an Internet platform for a social gaming service for teenagers: Zabbix, Haxe,

Apache, PHP, MySQL.

- Put a virtualised Internet infrastructure into production: Debian, QEMU/libvirt, iptables, Apache, MySQL, Postfix/Cyrus, Amavis, MailZu and Horde/IMP.
- Implemented metrology tools for anomaly detection and performance management: Zabbix and SNMP.
- Created an infrastructure base for industrialised deployment of Internet platforms: CentOS, OpenLDAP, Adito, iTop and Zabbix.

L'Atelier à Musique

09/2009 – 11/2012 · Paris, France

- Designed, deployed and maintained a 24/7 information system for administration, invoicing, customer relationship management and public communication.
- Introduced internal methods and processes. Technologies: Ubuntu Linux, Haxe, CommuniGate Pro, OpenSI, Google Ads and Google Analytics.

Senior Professional Services

04/2004 – 10/2008 · British Telecom · Paris, France

- UNIX expert supporting sales teams and customers in designing application solutions for critical and high-availability environments.
- Worked on change management, incident management, performance management and migrations.
- Training and certifications: Microsoft Exchange 2003, CommuniGate Pro Dynamic Clusters, DNSSEC, WebTrends 7.

Customer Service Manager

10/2003 – 04/2004 · Linagora · Paris, France

- Managed a team of 3 people delivering technical assistance to customers under TM2A support contracts.
- Handled customer relationships and contract management.
- Presented at Linux Solutions 2004 in Paris: "Free Software and Service Continuity".

Monitoring Manager

02/2000 – 10/2003 · FranceNet / Fluxus · Paris, France

- Managed the team responsible for monitoring the company's hosting centres in the Paris region.
- Operated high-availability customer platforms: deployments, change management, incident management and performance management.

Programmer Analyst

04/1999 – 07/1999 · CESR – CNRS · Toulouse, France

- Developed a UNIX security tool allowing users to define keywords and raise alerts from supervised equipment activity logs.

Education and training

- 2022 · Type 1 diabetes in children — functional insulin therapy · Niort public hospital.
- 2009 · Management, accounting and law · Paris Chamber of Commerce and Industry / Paris Chamber of Trades and Crafts.
- 2008–2009 · Accordion manufacturing and repair · Maugein Frères, La boîte à frisson, Max Musique.
- 1997–1999 · DUT in Networks and Telecommunications · IUT B, University of Toulouse.
- 1996–1997 · Preparatory class for French grandes écoles · Lycée Louis Armand, Poitiers.
- 1993–1996 · Scientific Baccalauréat · Lycée Polyvalent Paul Guérin, Niort.

Secondary activity and personal projects

- L'Atelier à Musique — accordion and piano tuning, repair, sales/rental; private music lessons; sound recording and Internet broadcasting.
- Professional profile: <https://www.linkedin.com/in/ffrouin>
- Mechanical repairs and designs: https://www.printables.com/@FreddyFrouin_88542
- Electronic repairs and designs: <https://www.hackster.io/ffrouin>
- Music: listening and practice.