

Simone Freddi — System Administrator — CV

Personal Informations

Name: Simone Freddi

City: Wels

Email: job@simonefreddi.com

Website: <https://www.simonefreddi.com/>

Handynummer: +43 681 10325724

Professional Summary

System and Network administrator with more than 15 years of professional experience in managing Linux infrastructures and networks, mainly in the field of web hosting, mail servers and ISP services.

GNU/Linux enthusiast since 2001, with solid experience in Debian/Ubuntu, Red Hat and derivative distributions. Specialised in complex environment administration, migrations, security, virtualisation and network services for enterprise customers and ISPs.

Core Skills

- Linux System Administration: Debian, Ubuntu, RHEL, Oracle Linux, CentOS, Bash Scripting
- Web Server Administration: Apache, NGINX, Fail2ban
- Mail Server Administration: Mailcow, Zimbra, Postfix, SpamAssassin, SPF DKIM, DMARC, Fail2ban
- Containerization: Docker, Kubernetes
- Virtualization: VMWare vSphere, Proxmox
- Backup & Recovery: Veeam, BackupPC
- Monitoring: Grafana, Graylog, Zabbix, Nagios, Cacti
- Database Administration: MySQL, PostgreSQL
- Network Administration: DNS, Cisco IOS, RouterOS, pfSense, OpenWrt, Watchguard, OpenVPN, IPsec, BGP
- Hosting and Domains: Plesk, SSL Certificates, LAMP, LEMP, Wordpress, Nextcloud, RIPE
- Programming Languages: PHP, Python
- Broadband ISP: RADIUS, xDSL

Professional Experience

System Engineer — [next layer Telekommunikationsdienstleistungs- und Beratungs GmbH \(remote\)](#)

Dates: [02/2022 – 02/2025]

- administration of operating systems and applications on customer servers (Debian, Ubuntu, RHEL, Oracle Linux)
- migrations and major version upgrades of complex systems
- Kubernetes clusters, Nextcloud (instances in a Docker environment) and SSL certificates administration
- domain management
- technical support for other teams

System and Network Administrator — [E-Mind s.r.l. \(Imola\)](#)

Dates: [09/2021 – 07/2018]

- Linux server administration (web and mail server, anti-SPAM systems, security breaches management, monitoring systems, ...)
- Zimbra, Plesk, Nextcloud and SSL certificates management
- structured networks administration (core routers, switches, firewalls, VPNs, ...)
- Wordpress system-level administration
- xDSL services - telco2telco systems management, relations with other telcos
- OpenFiber services - provisioning and assurance
- FreePBX administration
- documentation writing and maintenance
- domain management (EuroDNS, NIC.it)

System and Network Administrator — [Ovus.it s.r.l. / Ehiweb s.r.l. \(Imola\)](#)

Dates: [01/2007 — 10/2017]

- Linux servers system and hardware administration (web and mail servers, Plesk)
- LIR management (NOC, abuse contact and relations with RIPE)
- domain management (Ascio, NIC.it)
- hosting management (third level tech support, security breaches management)
- core routers administration and BGP configuration
- xDSL services (telco2telco systems management and relations with other telcos, order management systems for Telecom Italia Wholesale, relations with Telecom Italia Wholesale Provisioning and Assurance, access network configuration and management (Cisco BRAS, RADIUS, QoS/QoE), third level tech support)

Software Developer — [Ovus.it s.r.l. / Ehiweb s.r.l. \(Imola\)](#)

Dates: [04-2005 — 12-2006]

- in-house software development in PHP and Python
- PostgreSQL and MySQL database design, development and maintenance

Projects

CentOS 7 to Oracle Linux 8 (next layer): responsible for migrating VMs managed by the applications team (planning, customer management, testing, deployment, checks).

Zimbra, Nextcloud, Plesk (E-Mind): responsible for all shared, in-house and customer instances, responsible for migrations to and from instances.

Coverage verification system (Ovus.it/Ehiweb): co-designed and co-wrote the second version of said system, from the database structure to actual application code. Given an address, the system provided the deliverability of services from asymmetric bitstream ADSL over ATM to EVDSL FTTCAB.

In-house CRM (Ovus.it/Ehiweb): co-designed and co-developed the second version of the in-house CRM, from database structure to actual application code (customers/suppliers records, orders, payments and services management, accounting, ...)

Education

Gymnasium for Science and Technology — Maturità Scientifica — [Liceo Scientifico Tecnologico "F. Alberghetti"](#)

Language Skills

- Italian (native)
- English (British Council Milan 2020 - IELTS 7.0 | CEFR Level C1)
- German (CEFR Level B1)

Soft Skills

- ability to identify the right tool for the highlighted need
- use of the scientific method as an interpretation of reality
- accustomed to intervening in unforeseen situations without contextual information
- care for details
- compliance, as far as possible, to the KISS principle
- particular attention to reproducibility, comprehensibility and self-documentability
- teamplayer

Interests

- System and network administration
- Music (as listener and performer)
- Motorcycling
- Science fiction and fantasy literature and cinema