René Bon Ćirić

Senior Linux Systems Administrator

RHEL · CentOS Stream · OpenShift/Kubernetes · OpenStack RHOSP/RHOSO · Ceph · Red Hat IdM & Satellite
Available Immediately | Full-Time, Part-Time, or Contract | Remote
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Summary

Hands-on Senior Linux Systems Administrator with over 20 years administering production GNU/Linux infrastructure from SysVinit through systemd. Deep operational experience across RHEL, CentOS Stream, and Fedora, KVM virtualization, OpenStack RHOSP and RHOSO, OpenShift/Kubernetes, Ceph storage, Red Hat IdM and Satellite, and core datacenter networking and security including SELinux Enforcing, BIND DNS, DHCP, HAProxy, and nftables/firewalld. Pragmatic Bash, Ansible, and Python automator and official Fedora Project package maintainer. Available immediately for remote full-time, part-time, or contract roles.

Professional Experience

ADIP via 1101: RHOSO 18 Migration | https://adip.cdmx.gob.mx

OpenStack on OpenShift and RHOSO Consultant | Contract | March 2026 – August 2026; kickoff October 2025

- Supported deployment and operations of Red Hat OpenStack Services on OpenShift (RHOSO 18) and Ceph alongside the lead engineer, including Satellite/Podman and OpenShift troubleshooting and monthly cluster healthchecks.
- Developed `os-migrate` automation scripts, GNU Make workflows, and Python patches to migrate workloads and core resources from legacy RHOSP 16 and Ceph 5 through final legacy platform decommission in August 2026.
- Delivered recorded `os-migrate` training sessions for ADIP technical staff to enable independent operations.

Modelyo | https://www.modelyo.com

Cloud Infrastructure Consultant | Contract | October 2025 – November 2025

- Built a standalone OpenStack Kolla proof-of-concept control plane on Google Cloud Platform in `us-central1` running on CentOS Stream 10.
- Solved GCP VPC L2/L3 networking constraints using custom load balancers, dummy interfaces, and routing rules, and refactored monolithic Terraform into modular OpenTofu.

Infotec, CFE/CEDN | https://infotec.mx

Linux & Cloud Infrastructure Consultant | Contract | July 2022 – March 2025

- Deployed and operated a highly available OpenStack-on-OpenShift OSPdO environment backed by a standalone Ceph cluster.
- Administered Red Hat Identity Management (IdM) and Red Hat Satellite for centralized authentication, patching, and provisioning across 60+ RHEL, CentOS, and Debian servers.
- Engineered and maintained HAProxy load-balancing clusters along with datacenter BIND DNS, DHCP, and firewall services.

ADIP via 1101: Initial Private Cloud | https://adip.cdmx.gob.mx

OpenStack & Ceph Deployment Engineer | Contract | July 2021 – February 2022

- Deployed and supported Red Hat OpenStack Platform (RHOSP) and Red Hat Ceph Storage (RHCS) private cloud infrastructure, maintaining core datacenter DHCP, DNS, and firewalls.
- Delivered certified Ceph knowledge-transfer training to 6 ADIP engineers alongside hands-on training on RHOSP and Red Hat Satellite.

CloudSigma | https://www.cloudsigma.com

Senior Linux Systems Administrator | Full-Time | April 2015 – July 2021; initial contract Nov 2011 – Mar 2012

- Administered and scaled a global KVM/QEMU virtualization platform across 10+ data centers, working across Docker, cgroups, Let's Encrypt automation, and operational runbooks (632 Jira cases resolved in 2016).
- Deployed and maintained production Kubernetes clusters since ~2017 and S3/Swift object storage with MinIO and OpenStack Swift using Podman and Docker.
- Earlier contract, November 2011 – March 2012: built the CloudSigma v2.0 KVM/QEMU and libvirt stack, deployed GlusterFS, automated a 20-server rack via Puppet with SELinux hardening, and authored Sphinx documentation.

Independent Linux Consulting & Server Maintenance: EVALinux | https://evalinux.com

Linux Systems Consultant | On-Demand/Retainer | 2005 – Present

- **AdvantageMLS**, 2020 – Present (earlier engagement 2015 – 2016), low-touch maintenance retainer: migrated production infrastructure from GCP to 4 CentOS Stream 10 nodes on Hetzner Cloud (SELinux Enforcing, private networking, firewalld, Caddy, MariaDB 10.11, PostgreSQL 18, Cloudflare R2, OpenTofu); root-caused a July 2026 CentOS Stream 10 kernel `gve` driver AB-BA lock inversion boot hang.
- **Expert Creations**, 2011 – Present, low-touch maintenance retainer: administer hosting fleet across MariaDB, Nginx, Caddy, PHP-FPM, dual BIND DNS, Redis, OpenTofu, Ansible, SELinux, and GCP.
- **Grupo QUID, Casas y Terrenos**, October 2013 – September 2019, contract: executed cloud migration and deployed a multi-master MariaDB Galera cluster.

Technical Skills

- **Core Linux & Services:** RHEL, CentOS Stream, Fedora, Gentoo, Arch; daily Bash, systemd, SysVinit, SELinux Enforcing, firewalld/nftables/iptables, BIND DNS, ISC/Kea DHCP, HAProxy, Nginx, Caddy, rsync, SSH, RPM packaging.
- **Enterprise Cloud, Virtualization & Storage:** Red Hat OpenStack RHOSP/RHOSO, OpenShift/Kubernetes, KVM/QEMU, libvirt, Podman, Docker, Red Hat IdM, Red Hat Satellite, Ceph, GlusterFS, ZFS, Btrfs, MariaDB/Galera, PostgreSQL, GCP, Hetzner Cloud.
- **Automation & Tooling:** Ansible, OpenTofu/Terraform, Puppet, GNU Make, practical ops/API Python for REST/OAuth and migration patches, working familiarity with Crystal/Go for personal tooling, Git on GitLab/GitHub, GitLab CI, AI-assisted scripting, troubleshooting, and documentation workflows.

Certifications & Training

- Red Hat EX294 (RHCE Exam Passed, May 2022; RHEL 8 & Ansible 2.9; credential non-current): rhtapps.redhat.com/verify?certId=220-078-638
- Google Cloud Skills Completion Badges: Developing a Google SRE Culture (Apr 2025), Google Cloud Fundamentals: Core Infrastructure (Apr 2025), Google Cloud Essentials (Sep 2021).

Open Source, Community & Interests

- **Fedora Project Package Maintainer:** maintains `zig` on EPEL 10; historical Go and MariaDB co-maintainer at fedoraproject.org/wiki/User:Renich.
- **Founder, Fundación MxOS:** community CentOS Stream-compatible build initiative at mx-os.mx.
- **Languages:** Spanish: Native; English: Fluent; Serbian: Conversational.
- **Music:** Creative Commons composer and performer as `Renich` and `introbella` at jamendo.com/artist/6485/introbella and freemusicarchive.org/music/renich.