

René Bon Ćirić

Curriculum Vitae: Expert-level DevOps/SRE & RHCE

Last update: 2025-10-20

Version: 20251020

renich@evalinux.com | +52 33 3576-5013 | <https://linkedin.com/in/renich>

Location: Ixtlahuacán de los Membrillos, Jalisco, México

Executive Summary

Results-driven Red Hat Certified Engineer (RHCE) with over 20 years of experience architecting, implementing, and managing large-scale GNU/Linux environments. Proven expertise in driving significant cost reductions and massive capacity scaling through advanced automation, virtualization, and resilient system design. Expert in Cloud Infrastructure (OpenStack, Kubernetes), Ceph, and core services, with a specialization in RHEL, CentOS Stream, Fedora, Gentoo, and Arch Linux ecosystems. Seeking a senior technical leadership or architectural role focused on complex, high-availability systems.

Professional Experience

EVALinux | Guadalajara, Jalisco, México *Principal Consultant & Systems Architect* | January 2005 – Present

Architected and executed high-impact infrastructure projects for a diverse global client base. Responsible for all phases of the project lifecycle, from initial design and planning to implementation, maintenance, and documentation.

***FOSS Consultant & Creative Commons Musician* | January 2007 - Present**

- Active contributor to the Free and Open Source Software (FOSS) community.
- Composer and performer of music released under Creative Commons licenses.

Infotec (Federal Government of Mexico)

***Cloud Infrastructure Consultant* | April 2022 – March 2025**

- Deployed and managed a highly available OpenStack environment on an OpenShift Container Platform (OCP) foundation, integrated with a standalone Ceph cluster for robust, scalable storage.
- Administered a Red Hat Identity Management (IdM) cluster and a Red Hat Satellite deployment for centralized system management, patching, and provisioning of over 60 RHEL, CentOS, and Debian servers.
- Engineered and maintained HAProxy clusters for high-availability load balancing of critical services.
- Engineered and maintained all DHCP, DNS and firewall services for the datacenter.

- Championed collaborative knowledge transfer by mentoring technical staff and clients while developing comprehensive documentation frameworks that empowered autonomous operations and accelerated team learning curves.

ADIP (Federal Government of Mexico)

OpenStack & Ceph Deployment Engineer | July 2021 – February 2022

- Deployed and supported Red Hat OpenStack Platform (RHOSP) and Red Hat Ceph Storage (RHCS), establishing a foundational private cloud infrastructure.
- Conducted comprehensive training sessions for government staff on RHOSP, RHCS, and Satellite management, enabling successful knowledge transfer and operational autonomy.
- Engineered and maintained all DHCP, DNS and firewall services for the datacenter.
- Facilitated continuous learning through hands-on mentoring of government personnel and created shared documentation repositories that ensured sustainable knowledge retention and operational independence.

CloudSigma

Senior Systems Administrator | April 2015 – July 2021

- Engineered and scaled a global KVM/QEMU virtualization platform across 10 data centers, achieving 99.9% uptime.
- Led the deployment and maintenance of Kubernetes clusters and a Minio S3-compatible object storage solution (Swift), enhancing service offerings and operational efficiency.
- Promoted a culture of collaboration by mentoring team members across distributed locations and establishing unified documentation practices that eliminated knowledge gaps and improved cross-team coordination.

Key Project: CloudSigma v2.0 Implementation (Nov 2011 - Mar 2012)

- Designed and implemented the CloudSigma v2.0 infrastructure, a KVM/Qemu + libvirt stack for servers.
- Implemented GlusterFS for distributed storage after evaluating LustreFS, Ceph, and XtremeFS.
- Created a fully automated installation of a 20-server rack using Puppet, including SELinux configuration.
- Authored complete project documentation using Sphinx (RST).

Grupo QUID

Infrastructure Consultant | January 2013 – August 2018

- Architected and executed a full migration to a cloud-native infrastructure, resulting in a **90% reduction in operational costs** while simultaneously **increasing request capacity by 3000%**.
- Deployed and managed one of Mexico's first multi-master MariaDB Galera clusters, ensuring high availability and write
- scalability for critical database operations.

Expert Creations

Infrastructure Manager | January 2011 - April 2015

- Managed all servers for a hosting company with several hundred client websites.
- Infrastructure included 2 MariaDB servers, 4 application servers (Nginx, PHP), and 2 DNS servers.

- Reduced costs and resolved issues related to various applications (Redis, PHP, Let's Encrypt).

Technical Skills

- **AI / MLOps:** LLM Serving (Ollama), Vector Databases (pgvector), Data Ingestion (Tika), Model Deployment.
- **Cloud & Orchestration:** OpenStack, Kubernetes/OpenShift, KubeVirt, GCP; Private Cloud Deployment.
- **GNU/Linux:** RHEL, Fedora, CentOS, Gentoo, Arch; RPM packaging, systemd, server maintenance.
- **Configuration Management:** Ansible, Puppet, Terraform/OpenTofu, Packer.
- **SCM & CI/CD:** Git (GitLab, GitHub, Forgejo), Jenkins, GitLab pipelines.
- **Virtualization & Containers:** KVM/qemu, libvirt, Docker, Podman.
- **Storage:** Ceph/ODF, ZFS, Btrfs, StorPool, NFS.
- **Networking:** TCP/IP, DNS (BIND), DHCP (ISC), NTP, HAProxy.
- **Security:** SELinux, iptables/nftables, firewalld, encryption.
- **Programming & Scripting:** Bash, Python, Go, Rust, C/C++, PHP, Crystal.

Certifications

- Red Hat Certified Engineer (RHCE) - [Verification Link](#)
- Google Cloud Essentials & Core Infrastructure
- Developing a Google SRE Culture

Notable projects

Founder of MxOS:

- <https://mx-os.mx/>

Co-maintainer of Google Go in Fedora:

- https://bugzilla.redhat.com/show_bug.cgi?id=652987
- <https://lists.stg.fedorahosted.org/archives/list/package-review@lists.stg.fedoraproject.org/message/KQCADPMJETQDFX6QS5Q2FQU5B7AR4QCD/>

Proposed and co-maintained of MariaDB in Fedora:

- https://bugzilla.redhat.com/show_bug.cgi?id=875150
- <https://lists.stg.fedorahosted.org/archives/list/package-review@lists.stg.fedoraproject.org/message/OEKM5YWDC4ZD4YLJGJMIOJJACJAN4VDH/>

Initially, packaged Bitwig Studio for flatpak, Fedora and Funtoo/Gentoo:

- <https://www.kvraudio.com/forum/viewtopic.php?t=512181&start=75&sid=9fb0c3562a0a76b513f5e1eec2>
- <https://www.kvraudio.com/forum/viewtopic.php?t=407679>
- https://www.funtoo.org/index.php?title=Package:Bitwig_Studio&action=history

Civitas: a government simulator using LLMs or not written in Crystal:

- <https://gitlab.com/renich/civitas>

Shellmin: a CLI GNU/Linux manager written in Crystal

- <https://gitlab.com/renich/shellmin>

sdcli: generate images from the CLI using LLMs and written in Python:

- <https://gitlab.com/renich/sdcli>

Hello world written in Crystal for GCP Run:

- <https://gitlab.com/renich/gcp-run-helloworld-cr>