CONTACT

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github.com/kreotropic

mytechspace.eu

linkedin.com/in/ricardo-ferreira-8ab21314a

SKILLS

Nextcloud app development
PHP 8, Nextcloud server APIs (OCP), OCC commands, WebDAV, Vue 3, @nextcloud/vue, JavaScript

Quality and release
PHPUnit, PHPStan, GitHub Actions, MySQL / MariaDB and PostgreSQL, translations, App Store publishing

Systems
Ubuntu Server, Nextcloud administration, Zabbix, Active Directory, LDAP, Exchange hybrid, Microsoft 365, PowerShell

Also
Laravel, C# / .NET

LANGUAGES

Portuguese (native)
English (C1)

EDUCATION

Specialist Technician in Information Systems Technologies and Programming
ATEC · 2022 – 2024

Foundational C# with Microsoft
Certification

CAD/CAM Technician, Level IV
ISQ · 2001 – 2002

Ricardo Ferreira

Nextcloud app developer · Systems administrator

PROFILE

Author of four open-source Nextcloud apps (PHP, Vue 3). Administrator of a production Nextcloud instance since 2024. In software since 2022, after 17 years in kitchen design and client advising.

NEXTCLOUD APPS

App Store · open source · AGPL-3.0

DiskMap — github.com/kreotropic/diskmap
Instance-wide storage treemap built on the file cache, with no filesystem scan. Vue 3, d3-hierarchy · MySQL / MariaDB, PostgreSQL · Nextcloud 32–35 · Playground demo.

Share Audit Dashboard — github.com/kreotropic/share_audit
Admin audit of all shares: security alerts, bulk fixes, orphaned shares, recycle bin for revoked shares, read-only auditor role. Vue 3 · MySQL / MariaDB, PostgreSQL · Nextcloud 31–35 · Playground demo.

Folder Protection — github.com/kreotropic/folder_protection
Blocks delete, move and copy of protected folders at the WebDAV and storage layers. Desktop-client handling, mass-deletion guard, OCC commands, unit and integration tests · Nextcloud 33–35.

Group Manager — github.com/kreotropic/group_manager
Local and LDAP group administration: bulk membership, group admins, team-folder permissions and quota. Vue 3 · Nextcloud 31–35.

All four are published on the Nextcloud App Store (app names link to their Store pages), with PHPUnit test suites, five interface languages and full README documentation.

EXPERIENCE

Jofebar S.A. · IT Systems & Applications Technician — 2024 – present

Perafita, Matosinhos · joined in March 2024 as a Web Developer, current role since June 2024

- Run the company's self-hosted Nextcloud on Ubuntu Server for 300 users and 16 TB of storage: upgrades, performance tuning and user support.
- Develop and maintain the company's internal web application.
- Administer Active Directory, Group Policy and Exchange for around 300 mailboxes, including the hybrid move to Exchange Online.
- Monitor servers and network with Zabbix; first- and second-level support for all users.

EARLIER EXPERIENCE

Kitchen Designer · Casa Peixoto · 2018 – 2021

Project Advisor · Leroy Merlin · 2009 – 2018

Kitchen Designer · Porcelanosa · 2004 – 2009

Client advising, technical design and 3D renders with AutoCAD, SketchUp and V-Ray.