

GIL RUDOLF HÄRDI

Software Developer

Valparaíso, Chile · contact@ghaerdi.dev

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PROFESSIONAL SUMMARY

Software engineer with 6 years of experience building full-stack web applications and shipping production AI/LLM features for SaaS platforms. Developed Nectar Note AI, a voice-to-note transcription pipeline, and Ask Coco, an LLM-powered patient chat at NectarVet, reducing documentation effort and improving record completeness — shipping 275+ features end-to-end across 3.5 years. Experienced in building backend and cloud-enabled features with Node.js, Rust, and GraphQL, alongside modern frontend systems using TypeScript, React, Next.js, and Vue focused on performance and maintainability.

SKILLS

Languages	TypeScript, JavaScript, Rust, Python, C#, SQL
Frontend	React, Next.js, Vue, Tailwind CSS, Material UI, Bootstrap
Backend & API	Node.js, Express.js, GraphQL, REST APIs, LLM/AI Integration
Tools & Infrastructure	MongoDB, Docker, AWS, Git, CI/CD, NixOS

WORK EXPERIENCE

MCTEKK Nov 2022 – Aug 2026

Software Developer (NectarVet)

Apr 2023 – Aug 2026 · Remote

- Built the frontend for Nectar Note AI — an LLM-powered voice assistant that records consultations, auto-transcribes with AWS Transcribe, and drafts SOAP notes — plus Ask Coco, a chat assistant grounded in patient records, sharply reducing veterinarians' note-taking time.
- Designed a Zustand-based clinical-note autosave architecture (createAutosaveStore factory, field-isolation pattern, CRDT-compatible state) that eliminated cascading re-renders and prevented lost work; led the Recoil to Zustand migration.
- Fixed production inventory data integrity with transaction-based quantity recalculation, FIFO re-attribution for controlled substances, and cache-drift detection across clinics.
- Shipped an end-to-end vaccine certificate system — multi-dose tracking, next-due calculation, and PDF generation — automating regulatory compliance documentation.
- Built consolidated edit-transaction and payment-audit flows plus checkout/billing accuracy fixes (multi-patient emails, currency handling), improving clinic financial operations.
- Delivered 275+ features across 3.5 years as a core full-stack contributor (1,100+ commits, 270+ tickets): Rx dispensing, custom forms, a Remirror rich-text editor migration, responsive tablet support, and VOIP calling.

TypeScript, Next.js, React, Material UI, Python, GraphQL, AWS, MongoDB, Docker, OpenAI

Frontend Developer

Feb 2023 – Apr 2023 · Remote

- Built a passwordless magic-link authentication flow (Vue 3, Firebase, Vuex) with token exchange, a session/local-storage flag lifecycle, and first-time-user routing to the welcome/onboarding view.
- Implemented Google Contacts import gating — a DNS-over-HTTPS MX-record check to detect Google accounts, plus a Vue Router navigation guard that blocks the import route for non-Google users.
- Authored a responsive MJML email system (welcome, verification, new/existing-user) and owned the Vuex authentication store (login/logout, token & cookie handling, session getters), hardening auth and profile flows against null-safety and redirect bugs.

TypeScript, Vue, Vuex, Vue Router, Firebase, Tailwind CSS

Frontend Developer (Copic)

Nov 2022 – Apr 2023 · Remote

- Frontend contributor on a production Remix/React + Shopify e-commerce storefront; shipped auth, catalog, and checkout features across a 4.5-month engagement (212 commits, 49 PRs merged, ~9% of the codebase).
- Built the reset-password flow end-to-end — Shopify account reset, Kanvas API integration, Formik validation, and reusable custom hooks — across layout, modal, and account pages.
- Developed the auth modal system (sign-in / register / reset views) with shared form components and localized error messaging.
- Implemented catalog and search pages with pagination and DatoCMS banner integration; built cart/checkout components and the account order-history page.
- Drove a responsive overhaul across auth, banners, headers, and info pages, and maintained the i18n layer (100+ locale edits).
- Wrote Vitest unit tests for storefront interaction hooks and components (useFilter, quantity-adjust, filter-sidebar), reducing regression risk.

TypeScript, React, Remix, Vite, Tailwind CSS, Shopify, GraphQL, Jotai, Formik, Headless UI, i18n, Vitest

Backend Developer (Fitpass)

Nov 2022 – Mar 2023 · Remote

Built and maintained the Node.js/Express backend for a gym class-scheduling platform.

Built a gym email-preference system (model, controller, route, DB migration) that cut unwanted notifications and support load.

Engineered automated email campaigns (Black Friday, courtesy credits, free-basic plans) with Node-cron scheduling and Nodemailer + Handlebars templating.

Refactored transactional email templates into a shared layout, improving consistency and halving template maintenance.

Fixed credit-accounting bugs (duplicate refunds on class cancellation, referred-credit expiry), protecting revenue integrity.

Added admin & gym-owner endpoints for class management (cancel class, class detail, featured-class priority) and implemented debit-card (BIN) validation in the promo-code service.

JavaScript, Node.js, Express.js, MySQL/Sequelize, Nodemailer, Handlebars, Node-cron, AWS S3, Stripe

Intellisys D. Corp. Oct 2020 – Nov 2022

Software Developer (OpSec Security)

Apr 2022 – Nov 2022 · Remote

Developed an internal tool that modernized testing and development workflows.

Built a desktop developer tool with React and Tauri, porting complex legacy Visual Basic logic into a modern cross-platform application.

Implemented token simulation to remove the need for physical hardware during testing and streamline team workflow.

Rust, TypeScript, Next.js, React, Tailwind CSS

Software Developer (Senate of the Dominican Republic)

Feb 2021 – Apr 2022 · Santiago de los Caballeros, Dominican Republic

Advanced from Junior to Mid-level in under six months by demonstrating leadership and technical ownership.

Led a frontend rewrite to Vue 3, Vite, and TypeScript.

Architected and developed a custom virtual file system from scratch for core file CRUD operations.

TypeScript, JavaScript, Node.js, C# ASP.NET MVC, Vue, Bootstrap, SQL

Software Development Intern (Senate of the Dominican Republic)

Oct 2020 – Feb 2021 · Santiago de los Caballeros, Dominican Republic

Built a system to store ongoing and archived legislative initiatives for the Senate of the Dominican Republic.

Drove adoption of Vue.js v2, establishing the project's frontend foundation.

JavaScript, C# ASP.NET MVC, Vue, SQL

EDUCATION

Cincinnatus Institute of Craftsmanship — *Software Craftsmanship Apprenticeship* (Aug 2019 – Feb 2021). Completed an intensive apprenticeship focused on clean code, testing, version control, and collaborative development.

Aspirantado Salesiano Domingo Savio — *Secondary Education & CS Fundamentals* (Aug 2015 – Jun 2019).

LANGUAGES

English: C1

Spanish: Native speaker