

Ivan Fedyunin

Senior Backend Engineer • Go, Rails & PostgreSQL

Santiago, Chile • Remote • US time zone overlap, UTC-3/-4 • Fluent English

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PROFILE

I build and run backend systems, data pipelines and web products. I have 15+ years in software development, mostly with Rails and PostgreSQL, including eight years as ExamSuccess's primary developer. My current work includes HostelPunk with Go, Python and PostgreSQL.

TECHNICAL SKILLS

Backend: Ruby, Ruby on Rails, Go, Python, SQL, REST APIs, background jobs

Data: PostgreSQL/PostGIS, SQLite, Redis, schema design, query optimization, ETL, entity resolution

DevOps: Linux, Docker, systemd, nginx, CI/CD, deployment, monitoring, production debugging

Applied AI: LLM evaluation, classifiers, embeddings, model routing, labeled evaluation datasets

Development: Unit/integration tests; coding agents for implementation, debugging and testing; project experience with Rust and C

EXPERIENCE

Founder / Engineer • hostelpunk.com

2025 – Present

Independent hostel discovery product, built and operated solo.

- Built a seven-language site with Go/HTMX, Python workers and PostgreSQL/PostGIS. Handle deployment, monitoring and production debugging on Linux/nginx/systemd.
- Normalized 74M reviews from four sources and matched 22,600 properties across their catalogs.
- Built 235 versioned review-analysis and ranking signals, with model routing, evaluation datasets and per-result provenance.
- Replaced costly LLM analysis with classifiers and rules checked against evaluation datasets. Rejected one replacement in May 2026: it scored 0.520 macro F1 across eight signals on the labeled reference set, versus 0.707 for the existing outputs.
- Hosting uses a shared US\$20/month bare-metal server; model inference runs on local hardware.

Website & automation • Vestuario Antiguo

2025 – Present

Helping my friends at a fashion atelier in Santiago. They design, make, sell and rent dresses and suits.

- Built the Rails website and photo tools using Python, Go and a Lightroom SDK plugin. Automated photo matching, cropping and draft listings.
- A studio shoot can reach catalog listings in under an hour.

Senior Software Engineer • Oversize.io

2025 – 2026

Contract work on a Rails regulatory-data platform.

- Built acquisition and extraction pipelines covering hundreds of legal and regulatory websites.
- Used Python parsers and LLM extraction to normalize PDFs, HTML and custom formats into PostgreSQL for the Rails application.

DevOps / Infrastructure Consultant • Various clients

2025 – 2026

Contract work in parallel with other projects.

- Set up and ran bare-metal Linux servers, including systemd services, nginx, firewalls, backups and monitoring.
- Built automated deployment pipelines that client teams could run themselves.

Senior Rails Developer • ExamSuccess.com.au

2016 – 2024

Part-time contract with an Australian education platform.

- Primary developer over eight years, building assessments, essay workflows, live tutoring and student/tutor features with Rails and PostgreSQL.
- Handled production support throughout the engagement. Client reference available.

AI/ML Engineer · Pronunciation learning app

2024

Contract project.

- Built Python data-collection and processing pipelines to train a speech-to-IPA model.

Founder / Engineer · Transcribun

2023

- Built a Rust service that turned recorded interviews into draft articles for journalists. Ran the product, deployment and operations for several paying customers.
- Wound it down when clients' businesses shifted away from interview-based work.

Rails Developer · Jualo.com

2018

Contract work alongside ExamSuccess on an Indonesian marketplace serving 4M+ monthly users.

- Reduced response times on high-traffic pages roughly 10x through caching and database-query improvements. Stack: Rails, PostgreSQL and Redis.

Freelance Software Developer · Various clients

2012 - 2016

- Built web applications and internal tools for small businesses, mainly with Rails and PostgreSQL.

Software Developer · Rookee

2012

- Built and ran search-engine scraping infrastructure for customer ranking statistics, using Java, .NET and MS SQL Server across multiple bare-metal servers and thousands of rotating IPs.

Software Developer · RSoft / Brocade

2009 - 2011

- Built a Tcl-based framework for automated live testing of Fibre Channel switches and routers.

SELECTED PROJECTS & OPEN SOURCE

- **Go/PostgreSQL work sample**: API behavior tests, SQL optimization and benchmarks for Fintual's Backend/DevOps interview exercise.
- **Open source**: Contributions including Herdr, a coding-agent runtime.
- **Listenomics**: Go service for Last.fm listening charts and taste comparisons, with SQLite migrations, systemd and automated nginx/SSH deployment.
- **unmenu**: Keyboard-driven macOS launcher forked from dmenu-mac, with a Swift UI and Rust fuzzy matcher connected through FFI. Merged community contributions.
- **KeyFortress**: Published Firefox extension for blocking selected website keyboard shortcuts per domain.
- **Linux kernel**: HID polling-rate patch with a technical write-up on measuring and changing USB mouse polling.