

Martin Schiller

Freelance DevOps Engineer & Full-Stack Developer

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PROFESSIONAL SUMMARY

Freelance DevOps engineer and full-stack developer with five years of remote experience automating business processes for German and international clients — from n8n/Odoo ERP integration and CI/CD pipelines to large-scale Python data platforms. Self-taught systems programmer; creator of Kryon, an open-source development stack that compiles a declarative DSL to portable C99. German national working remotely from Asunción (UTC-3).

CORE TECHNICAL EXPERTISE

Automation & ERP: *Advanced*

n8n · Odoo (custom modules) · workflow automation · web scraping (Selenium) · automated reporting

DevOps & Infra: *Expert*

Linux system engineering · Docker · CI/CD pipelines · Git · Nix / GNU Make build systems · systemd · Hugo static sites

Languages: *Advanced*

Python · TypeScript · Go · C · C++ (Qt) · Rust · JavaScript · Dart

Backend & Data: *Advanced*

FastAPI · Node.js · REST · WebSocket · PostgreSQL · MariaDB · Redis · SQLite

Mobile & Release: *Advanced*

Android (Java/Kotlin) · Flutter · fastlane · F-Droid inclusion · Play Store publishing

Frontend & Apps: *Advanced*

React · SvelteKit · D3.js · Godot · WebAssembly

Cloud & orchestration: *Working knowledge*

Kubernetes · Ansible · Terraform · AWS · Azure

Specializations:

App development · ERP integration · Cross-platform · Database design · Workflow automation

PROFESSIONAL EXPERIENCE

Erfolgswerk.ai (Aurea Momentum Ltd.) - DevOps Engineer & Odoo Specialist

Remote (freelance contract), Germany | Jul 2026 - Present

- Automated order processing end to end: n8n pipelines integrate Odoo ERP with external services and APIs, replacing manual steps across sales, invoicing, and reporting
- Developed custom Odoo modules and plugins that extend core business workflows instead of manual workarounds
- Built CI/CD pipelines for automated deployment of Odoo and n8n stacks across environments
- Eliminated recurring manual invoicing, reporting, and data-sync work through end-to-end automation

FiatDemise (XMRChat / Monero ecosystem) - Contract Android & C++ Engineer

Remote (freelance contract), international | Jun 2026 - Present

- Ongoing contract with the operator of XMRChat, a Monero tipping platform: building XMRPod, a Monero-tipping podcast player forked from AntennaPod, shipped on F-Droid (github.com/XMRChat/XMRPod)
- Implemented the complete in-app tipping flow: tip modal with USD/XMR toggle, tier-based message lengths, wallet handoff with address and amount populated, and source-attributed superchats on tip pages
- Designed the podcast-to-tip-page matching against the XMRChat API and wrote the API integration doc; added TalkBack accessibility labels and regular rebases against upstream AntennaPod
- Ran the F-Droid inclusion process end to end — merge request, reviewer feedback, tracking-disclosure redesign with first-run notice, fastlane metadata, and 14 tagged releases
- Also built Wayland QR payment scanning and multi-recipient payment URI support for the official Monero GUI wallet (C++/Qt)

Kryon Labs - Founder & Lead Engineer (independent R&D)

Remote, Paraguay | Apr 2025 - Present

- Independent R&D project with full ownership: language design (.kry DSL), compiler (k2c), AI-native IDE, native widget toolkit, and release engineering (see Selected Projects — kryonlabs.com)
- Open source and in production: Inner Breeze and pass are both written in Kry and shipped with the Kryon toolchain

Freelance Software Engineer (self-employed) - Full-Stack & Automation

Remote, international clients | Jun 2021 - Apr 2025

- MaverickEye UG (Germany, 2024-2025), Software Automation Engineer: Python/FastAPI services for enterprise web scraping and large-scale data collection; optimized MariaDB schema for high-volume processing; automated PDF report generation with secure client delivery
- Max Rößler (Germany, recurring client 2023 & 2025), Automation Engineer: automated timesheet and invoice workflows; large-scale Python data pipelines for transformation, enrichment, and scraping; Docker-containerized deployments; Hugo website redesign
- Igor Avlijas (2024), Full-Stack Engineer: SvelteKit/FastAPI booking platform with responsive UI, secure API architecture, and deployment pipelines
- Crypto Architects (Canada, 2023), Full-Stack Engineer: Node.js/TypeScript REST and WebSocket platform integrating on-chain data providers for real-time trading analytics; introduced unit and integration test suites
- Earlier projects (2021-2023): HTML5/Telegram game platforms and Web3 integrations for OG Games, Raskul, and Nonaco — including Geocats, a 2D action-platformer shipped as sole developer (Godot) — plus React frontends, Solidity smart contracts, and Python analytics backends

SELECTED PROJECTS & CONTRIBUTIONS

Kryon | kryonlabs.com

Open-source cross-platform app and game development stack: a declarative .kry DSL compiled by k2c to readable, inspectable C99; an AI-native IDE with hot reload and source-aware inspection (click a rendered element to jump to its source line); and a native widget toolkit — targeting Linux, Android, WebAssembly, and embedded.

- Technologies: C99, compiler design, language development, WebAssembly, cross-platform UI
- Production validation: Inner Breeze and pass are both written in Kry and shipped on the Kryon toolchain

Inner Breeze | inbe.waozi.xyz

Free, open-source, local-first mindfulness app for guided breathing, meditation, and habit tracking. Originally built in Flutter, later rewritten in native C on raylib using the Kryon runtime — a real-world validation of the Kryon toolchain shipping a production app.

- Technologies: C, raylib, Kryon/Flint runtime, SQLite, GNU Make, Nix, cross-platform packaging
- 71 stars and 16 forks on GitHub; perfect 5.0 rating on Google Play
- Distributed on Android (Play Store, F-Droid, APK), Windows, Linux, and Web

LANGUAGES

German (Native) · English (Fluent) · Spanish (Conversational) · Czech (Conversational)

EDUCATION

Self-taught software engineer — programming since age 13 (Flash games), contributing to open source since 2016; from game development to compilers and systems programming, evidenced by Kryon and Inner Breeze