

ONIEL ALEJO FELIZ

SOFTWARE ENGINEER | TypeScript | Node.js | React / Next.js | PostgreSQL

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[oniel-portfolio.vercel.app](#) | github.com/XonkelX | linkedin.com/in/oniel-alejo-feliz-45b293312

U.S. permanent resident | No employer sponsorship required | English and Spanish

SUMMARY

Software engineer with six merged upstream pull requests in established codebases, focused on TypeScript systems, PostgreSQL data boundaries, reliability, and automated testing. Work across Reticle, Apache Maka, Apache Fineract, Code.Sydney / BlueHex, and Clarvia includes substantive maintainer review and regression coverage.

OPEN-SOURCE ENGINEERING

Open-Source Software Contributor - Independent | 2026-Present

- Reticle #278: added bounded, batched learned-route persistence across crawls and navigation; preserved project state and exact optional semantics; revised the design after substantive maintainer review and merged after upstream validation.
- Apache Maka #2989: stopped unbounded MCP tool rediscovery while preserving callable-tool snapshots; revised the design through multiple rounds of edge-case review and added slow-notification and snapshot-preservation regressions before merge.
- Apache Fineract #475 and #431: migrated the remaining 13 client-area Jasmine/Karma specs (73 tests) to Vitest and added translation-backed titles to 28 Accounting routes; both merged after upstream validation.
- BlueHex #29 and Clarvia #269: added production-build Playwright coverage and fixed keyboard and screen-reader barriers; incorporated maintainer feedback before both changes merged.

SELECTED ENGINEERING PROJECTS

Relay - Webhook Delivery and Failure Recovery | TypeScript | React | Cloudflare Workers | D1 | Queues

- Implemented a transactional outbox, durable scheduling, signed requests, deterministic retries, lease recovery, encrypted endpoint secrets, replay lineage, and inspectable failure evidence. Source: github.com/XonkelX/relay-webhook-delivery

Next - Real-Time Queue and Authorization | Next.js | Supabase | PostgreSQL | Playwright

- Enforced RLS, private/public data boundaries, transactional commands, idempotency, and concurrency in PostgreSQL; synchronized customer, staff, and public views with Realtime plus authoritative recovery. Source: github.com/XonkelX/next-queue

ADDITIONAL EXPERIENCE

AI Training Contributor - Outlier | Remote | Jul 2024-Feb 2025

- Completed varied AI-training work under detailed, changing evaluation criteria using independent reasoning, careful guideline interpretation, and consistent quality control.

Computer Repair Technician - Local Computer Repair Shop | 2024 | Six months

- Diagnosed operating-system, application, and hardware failures; completed software and component repairs; explained practical solutions clearly to customers.

TECHNICAL SKILLS

TypeScript, JavaScript, SQL, React, Next.js, Node.js, REST APIs, PostgreSQL, Supabase, RLS, Prisma, Auth.js, Cloudflare Workers, D1, Queues, Hono, Vitest, Testing Library, Playwright, pgTAP, GitHub Actions, Docker, Vercel, accessibility