

Jeffrey Moya

Senior Software Engineer

Cavite, Philippines • +63 945 489 0141 • jeffreymoya@gmail.com • linkedin.com/in/jeffreymoya

SUMMARY

- Senior engineer with 15+ years delivering software end-to-end across discovery, architecture, implementation, testing, deployment, and operations.
- Comfortable across front-end, back-end, data, cloud/DevOps/SRE, integration, and security; balances speed with reliability and maintainability.
- Leads by example: mentors teams, sets engineering standards, strengthens delivery pipelines, and aligns technical work with product outcomes.

SKILLS

Front-end

React, Redux, Redux Toolkit, RTK Query, Vue.js, Angular, TypeScript, RxJS, Flutter, Styled Components, Bootstrap, jQuery, JSP

Back-end & Data

Deno, Node.js, Supabase, PostgreSQL, SQL, PL/SQL, Java, Spring Boot, Spring Framework, GraphQL, Hibernate, JPA, NoSQL, RabbitMQ

Platforms & Ops

Docker, Jenkins, GitHub Actions, Git, Postman, Observability (structured logging, tracing, metrics), Security (Row-Level Security RLS, Role-Based Access Control RBAC)

EXPERIENCE

Freelance — Lead Software Engineer

Singapore • Aug 2024 – Present

- **Scope:** Supabase-backed, multi-tenant platform for high-volume imports, product/supplier reconciliation, and payments workflows.
- **Outcomes:** Reduced duplicate writes, deterministic job terminal states, higher match rates, and improved operability via richer telemetry.
- **Highlights:**
 - Idempotent APIs with safe-retry semantics using idempotency keys and response replay to achieve effectively-once effects under retries.
 - End-to-end observability: trace context propagation, correlation IDs, structured logs, and normalized error contracts to accelerate triage.
 - Strong multi-tenancy: Row-Level Security (RLS) with role-based authorization; default-deny and least-privilege across services.
 - Deterministic import orchestration with watchdog heartbeats, bounded concurrency/backpressure, and automatic duplicate detection/skip.
 - Extensible import framework (suppliers, products, POs): column mapping, schema validation, operator choices, status/summary, and structured error logs.
 - Event-driven post-processing to reconcile cross-entity references and ensure referential integrity after batch completion.
- **AI:**
 - Hybrid entity resolution: deterministic rules + vector similarity (embeddings) + LLM-assisted adjudication to improve matching precision/recall.
 - Resilient embeddings pipeline with queued work, idempotent workers, stuck-task detection/retry, and rate/budget limiting for long-running drains.
- **Supabase:**
 - RLS-first schema; Postgres RPC (SQL functions) for orchestration; Edge Functions (Deno) for background jobs/webhooks.
 - Type-safe DB access with generated TypeScript types and tenant-scoped repositories/queries.
- **Front-end:**
 - Type-safe Supabase integration: generated TS types and lightweight wrappers for RPC/Edge Functions (`withRPC`/`withEdgeFunction`/`withQuery`) with unified error handling and auth redirects.
 - Predictable data layer: React Query for server state, RTK Query for targeted resources, and Redux Toolkit + `redux-persist` for app/session state.
 - Robust forms: React Hook Form + Zod schemas for complex, nested validation across UI flows.
 - Auth & RBAC: Supabase session context + route HOC, permission-gated UI and RLS-aware client behavior.

- Testing: Jest + React Testing Library (unit/snapshots) and Playwright E2E with retries/traces and deterministic fixtures.
- **Tech:** Deno, TypeScript, Supabase, PostgreSQL

Senior Software Engineer — Synpulse

Taguig, Philippines • Dec 2018 – Present

- Owned features and platforms end-to-end across web UIs, services, data integrations, and environments; delivered from discovery through production support in multiple client domains.
- Improved performance and reliability via query/index tuning, API and schema refactors, caching strategies, and stronger observability and error handling.
- Established and maintained CI/CD pipelines with automated quality gates; standardized environments, containerization, versioning, and release management.
- Mentored engineers, led reviews, authored patterns and ADRs, and partnered with product/design/security to ship predictably.
- **Tech:** JavaScript/TypeScript, React/Vue, Node.js, Java/Spring, SQL/NoSQL, Docker, CI/CD (Jenkins, GitHub Actions)

Senior Software Developer — Upraxis

Makati, Philippines • Apr 2016 – Dec 2018

- Designed and delivered a modular, configuration-driven computation/rules engine to externalize complex business logic and enable reuse across products.
- Simplified critical paths and improved testability/reliability; introduced consistent error handling, logging, and instrumentation practices.
- Led code reviews and engineering conventions; created onboarding guides and delivered iterative milestones with stakeholders.
- **Tech:** JavaScript/TypeScript, Node.js, Java/Spring, Messaging, SQL/NoSQL

Full Stack Developer

Remote • Mar 2015 – Apr 2016

- Built a greenfield product end-to-end: SPA front-end, REST API, data model/migrations, authentication/authorization, automated tests, and CI/CD.
- Owned operations: instrumentation, monitoring, and iterative releases; shipped features independently on a weekly cadence.
- **Tech:** React, TypeScript, Node.js, MySQL, CI/CD (Jenkins)

Senior Software Engineer — Permoveo

Makati, Philippines • Jun 2014 – Mar 2015

- Contributed across the stack in a Java web application—from UI to persistence—designing queries, optimizing data access, and tuning ORM mappings.
- Mentored junior developers, supported releases, and assisted with production triage and defect resolution.
- **Tech:** Java/JSP, SQL, ORM (JPA/Hibernate), Spring

EDUCATION

B.S., Computer Engineering Technology — Technological University of the Philippines

Jun 2001 – Oct 2006