

Ramil Amparo

Senior Software Engineer · Go, TypeScript, Svelte/React

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Experience

Senior Software Engineer, Hypersequent – Dubai, UAE

Aug 2023 – Aug 2026

QA Sphere, a multi-tenant SaaS test management platform. Go, Svelte 5, TypeScript, PostgreSQL.

- Shipped features across the whole product, from PostgreSQL queries to Svelte components: test planning, CSV import and export, Jira and Linear integrations, and most of the public REST API. Also carried the frontend through a design-system migration and the Svelte 5 upgrade.
- Reviewed **1,352 pull requests** for six teammates, 2.1x my own output, and became the default reviewer on the product monorepo. Authored 648 PRs, 91% merged.
- Chased performance across the app: pre-created tenant schemas in a pool so sign-ups stopped throwing 502s under load, virtualized the heaviest list views, and pushed pagination and sorting into SQL instead of slicing results in memory.
- Built the security controls behind customer workspaces: two-factor auth and later its org-wide enforcement, Google SSO with domain restrictions, RBAC across every resource type, and per-key API permissions.
- Owned the team's own testing infrastructure: rewrote the Playwright E2E suite, built an API benchmarking harness wired into CI, and replaced handwritten test doubles with gomock. Usually the one root-causing flaky tests, mostly hydration races and shared fixtures.
- Moved OpenAI calls off the client into the Go backend behind per-tenant quotas, then built a feature that drafts test cases in bulk and streams them back as they generate.
- Owned billing and subscriptions for 2.5 years: the FastSpring integration, trials, plan changes, seat limits, and the panel support staff run it from. Fixed a run of consistency bugs where payments raced an eventually-consistent third-party API, including a lost-update hazard resolved with row-level locking.

Senior Frontend Engineer, WebNTech – Dubai, UAE

June 2022 – July 2023

- Led frontend for an event management system that carried **30,000+ active users** through the F1 Abu Dhabi Grand Prix. Also built the frontends for Misk Global Forum and the World Government Summit.
- Reviewed the team's code, paired with them on hard problems, and coached the junior developers.

Software Engineer, WebNTech – Dubai, UAE

July 2021 – June 2022

- Built React PWAs that worked offline and delivered VAPID web push notifications. Shipped a Point of Sale and Kitchen Display System for ordering food from terminals inside event venues.
- Cut time-to-interactive on a Next.js site from 10s+ to 3–5s.

Web Developer, Advance Telematics Solutions – Dubai, UAE

Mar 2018 – July 2021

- Built the company's car rental management application and owned every stage of it, from requirements through deployment.
- Wrote a GPS geofencing algorithm that alerts when a rental vehicle strays off route, the main safeguard against cars being driven off and never returned.

Skills

Languages: Go, TypeScript, JavaScript, SQL (PostgreSQL, MySQL), Bash, HTML/CSS

Frameworks: Svelte / SvelteKit, React / React Native, Node.js, NestJS, Next.js, GraphQL, Tailwind

Tools: Docker, Redis, Nginx, Playwright, Jest (TDD), gomock, CI/CD (GitHub Actions, Azure DevOps), Git, Linux, Sentry

Open Source

zen (Go, 29 stars): Generates Zod schemas from Go structs with go-validator tags. I led the Zod 4 migration and kept Zod 3 working as an opt-in.

gasphere-mcp (TypeScript, 23 stars): MCP server that lets AI agents drive a test management platform. Built the tools agents use to create and organize test content, and led a structural refactor.

gas-cli (TypeScript): CLI that uploads automated test results from CI. Built JUnit XML and attachment upload, the full public-API command surface, and interactive login.

Education

Colegio de San Lorenzo, BS in Computer Science – Quezon City, Philippines

2013 – 2017