

Jean Carlo Benites Porras

Senior Full-Stack Developer · Java/Spring, Angular, Go, Astro

Lima, Peru · Remote (UTC-5) | jeancarlobenites@gmail.com
linkedin.com/in/jean-carlo-aq | github.com/Aquilabot | aquilabot.dev

SUMMARY

Full-stack developer specialized in Java/Spring, Angular, Go and Astro, with 5 years building and running production web systems. Main developer of a regulated B2B SaaS platform since 2024: major-version upgrades, account security, a frontend rewrite and its next platform. I move between backend, frontend, DevOps, QA and product, and pick up new stacks quickly.

EXPERIENCE

Senior Full-Stack Developer · Plus Technology Solutions, Lima (remote) Apr 2022 – Present

- Main developer since 2024 of a regulated B2B SaaS platform used by about 400 client companies, reporting to the general manager, with 2,700+ backend commits. Upgraded Spring Boot 1.5 to 3, Java 8 to 21 and Angular 10 to 17 with no downtime.
- Fixed production bottlenecks: a dashboard chart for a 1,100-user client from 14.6 s to 0.74 s, key queries from 1.4 s to 0.06 s.
- Built account security: TOTP MFA, CAPTCHA, device-bound sessions, refresh-token rotation, push login approval from the mobile app, OIDC and SAML SSO, and rate limiting. Fixed IDOR, XSS and login timing issues.
- Built SSE report streaming, resumable bulk jobs on an active-active cluster and usage-based billing with refunds.
- For the next major version, migrated the backend from Spring MVC to WebFlux with all 252 endpoints unchanged (BlockHound for blocking calls) and replaced JasperReports with Gotenberg-rendered HTML, open-sourced as `spring-gotenberg-reports`.
- Led a clean-room frontend rewrite in Angular 21 (zoneless, Signals) with ADRs, lint-enforced feature boundaries, 4 themes and axe accessibility checks. Wrote 161 of its 193 test files.
- Designed the system architecture of the company's next-generation microservices platform and built it solo: Spring Boot 4, R2DBC, a PostgreSQL database per service, RabbitMQ, OpenAPI/AsyncAPI contracts, OpenTelemetry, K3s on AWS with OpenTofu.
- Connected Meta ads and the WhatsApp Cloud API to an Odoo CRM for a medical clinic, with a state-machine bot, human handoff and an LLM agent that only offers open slots. Cut its prompt by 70%, from 6,100 to 1,800 tokens.
- Since 2022, also delivered Odoo projects (a 17 to 18 migration with biometric time clocks, a mobile app and website), SOAP-to-REST integrations and mobile push, biometrics and NFC.

Co-founder & CTO · Tikraq, custom software studio, Lima 2026 – Present

- Co-founded a boutique studio for custom web apps, automation, integrations, cloud and AI agents. I lead architecture and delivery.

Web Developer · CBG-Corp, Lima Jun 2021 – Dec 2021

- Led the corporate website during the company's rebrand, reporting directly to the founder, and trained new staff.

PROJECTS

CLX · Esports tournament platform, founder, co-owner and sole developer 2025 – Present

- Multi-organization, multi-game platform built with Go (Fiber, ent), PostgreSQL, Redis, WebSockets, Discord bots, Astro and React. 82 REST endpoints, 7 tournament formats, 3 languages and a hash-chained audit log. Live at `clx.pe`.
- Open-sourced two parts as Go libraries (MIT): `brackets` (tournament formats) and `hashchain` (tamper-evident log on PostgreSQL).

In-game test harness · Baldur's Gate 3, open source (MIT), Lua and TypeScript 2026

- One command launches the game, loads a hash-verified save and drives it over JSON: 439 in-game scenarios, 1,737 Vitest tests.

SKILLS

Programming	Java, TypeScript, JavaScript, Go, Python, SQL, Lua
Backend	Spring Boot, Spring WebFlux, Node.js (Express.js), Django, Odoo, Gin, Fiber, RabbitMQ
Frontend	Angular, React, Vue, Astro, SolidJS, Tailwind CSS, Capacitor (cross-platform mobile)
Databases	PostgreSQL, MySQL, MariaDB, Oracle, SQLite, MongoDB, Firestore, Cassandra, ScyllaDB, Elasticsearch, Redis
DevOps	Docker, Kubernetes (K3s), AWS, Cloudflare, OpenTofu, CI/CD (TeamCity), Traefik, OpenTelemetry, Linux servers
Security, APIs	OAuth 2.0, OIDC, SAML, MFA, REST, SOAP, WebSockets, SSE, OpenAPI, AsyncAPI, LLM agents
Practices	System architecture, ADRs, technical documentation, testing (Vitest, Playwright, axe), agentic coding, SDD
Languages	Spanish (native), English (upper intermediate, B2)

EDUCATION

Universidad Nacional Mayor de San Marcos · Software Engineering, coursework (degree not completed) 2017 – 2023

Universidad Nacional de Ingeniería · Java Enterprise Edition course (2017) · Machine Learning bootcamp (2015)