Jiggy B. Palconit

Software Developer

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SUMMARY

Software developer specializing in modern Java (Spring Boot) and enterprise legacy systems, offline-first Flutter/SQLite apps, and real-time TypeScript systems. Proven track record maintaining production ERP modules, engineering greenfield microservices with optimistic concurrency, adhering to strict architectural conventions (such as `AutoCloseable` session lifecycles), and designing event-driven architectures.

TECHNICAL SKILLS

LANGUAGES	Java (7/8, 17, 21), Dart, TypeScript, JavaScript, SQL (MySQL, PostgreSQL, SQLite), HTML5/CSS3
BACKEND & ERP	Spring Boot 3.3 (Web, Security, Actuator), Java Swing, Hibernate/JPA, JDBC, JasperReports, Java RMI
MOBILE & WEB	Flutter (BLoC architecture, SQLite, local-first), React Native (Expo, Reanimated), Vite, PWA, Supabase
ENGINEERING	Legacy Modernization, Concurrency Control (Optimistic `@Version`, Queue-Locking), Multi-Branch Sync, Git

WORK EXPERIENCE

Software Developer • Viajero Motorcycles Inc.

Feb 2026 – Present

- **Engineered greenfield JRF system:** Built a Job Request Form service in **Spring Boot (Java 17)** bridging into a legacy Java 7/8 ERP database with optimistic concurrency (`@Version`) and zero regressions across production branches.
- **Eliminated UI freezing on EDT:** Refactored legacy Swing reporting and transaction modules by enforcing `AutoCloseable` session lifecycles, background worker isolation, and indexed SQL queries.
- **Built algorithmic inventory engine:** Implemented automated reorder calculation (ROQ: `AMC × [ABC - SM]`) with day-anchored windowing across dealership branches, cutting stockout risk.
- **Prevented multi-store race conditions:** Designed transaction lock checks and out-of-stock guard restrictions for cross-branch transfers (Viajero ↔ Jicjam).
- **Engineered FACC ↔ ACC bridge:** Built bidirectional inter-module accounting adapter with reusable transaction components, in-memory caching (`HashMap`), and locked payroll queues.

Technical Support VA • Prime Developments — User account sync and virtual environment troubleshooting — 2024 – 2025

IT Support (SPES) • LGU General Santos City (ICTD) — PC hardware diagnostics and LAN routing across offices — 2023

SHIPPED PROJECTS

Rent-a-Box SQLite Ledger

GitHub

Offline-first Flutter retail management APK with 53 passing automated tests; features real-time vacancy audits and automated seller payout reconciliation.

Flutter • Dart • SQLite • BLoC

Race Clock LED Wall PWA

Live PWA

Real-time dual-screen timing app syncing director controls to stage LED walls under **5ms latency** via `localStorage` bus; deployed to live sporting heats.

TypeScript • Vite • WakeLock • PWA

MIS Operations Calendar

Live App

Enterprise scheduling system with Supabase PostgreSQL and automated 07:30 daily cron dispatches (`pg_cron`) pushed directly to company Viber channels.

Supabase • PostgreSQL • Edge Functions

Langga Loan Tracker

Mobile

Mobile debt ledger app featuring 60 FPS Reanimated spring physics, intuitive amortization schedules, and zero-latency local state persistence.

React Native • Expo • Reanimated

EDUCATION & CERTIFICATIONS

BS in Information Technology (BSIT)

STI College General Santos City • 2019 – 2024 • DICT Scholar

Computer Systems Servicing NC II (CSS NC II)

TESDA • Certified 2024 • SAP Business One Certified