Jj Bassig

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SUMMARY

Information Technology student at Pamantasan ng Lungsod ng Pasig and full-stack developer with professional experience building web, desktop, and mobile systems. I build software by understanding the problem first and questioning the architecture, with a focus on database design, backend development, and offline-first systems.

TECHNICAL SKILLS

Languages: C#, C++, Java, Python, PHP, TypeScript, SQL
Frontend: React, Next.js, HTML, CSS, Tailwind CSS, Mantine, Inertia
Backend & Frameworks: Laravel, Hono, .NET, Blade, Livewire
Databases & ORM: PostgreSQL, MySQL, SQLite, Supabase, Prisma
Desktop & Mobile: WPF, Electron, Android SDK
Tools & Infrastructure: Git, GitHub Actions, Laravel Reverb, Vercel, Hostinger, VS Code, Visual Studio
Concepts: Database normalization, RBAC, offline-first architecture, client-server synchronization, CI/CD
Spoken Languages: Filipino, English

EXPERIENCE

Full Stack Developer — Liquor Inventory Solution (FnB Cost Control) *June 2026 – November 2026*

- Rebuilt a legacy PHP inventory system in React, Hono, and Prisma, supporting 7 venues and 16 locations.
- Built audit reconciliation, variance reports, subscription access, and a tamper-evident activity log.
- Delivered web and Electron desktop apps that work online or offline and sync two ways.

Frontend Developer — One Shared Services, Victory BGC *May 2026 – September 2026*

- Worked on an internal operations platform for facility booking and shared services across Every Nation Buildings in BGC (Laravel 12, Blade, Livewire, SQLite).
- Delivered 10+ admin console screens (Blade, CSS), replacing Teams and spreadsheet request tracking.
- Developed the shared layout and sidebar used by every console page, in a multi-developer team.
- Contributed workflow improvements to an existing codebase with RBAC, immutable audit logs, and real-time Laravel Reverb notifications.

TECHNICAL PROJECTS

PLP Admissions & Enrollment Management System

- Designed and built two connected systems that take applicants from document submission through final Certificate of Registration (COR) issuance.
- Admissions: document verification, exam builder and scheduler, interview room and queue management, and automated access/password generation, with RBAC for Admin, SSO, Deans, Professors, and Proctors.
- Enrollment (Next.js, Mantine, Supabase): secure HTTPS intake of admitted applicants, automatic student numbering, section and professor scheduling, mass reschedules, optional payment clearance, and COR issuance, with RBAC for Registrar, Finance, Dean, College Secretary, Professors, and Admin.

Animal Bite Treatment Center Management System (C# WPF, SQLite, PostgreSQL, Python)

- Identified workflow inefficiencies at the Pasig City Animal Bite Treatment Center and designed a database-driven system for patient tracking, registry, vaccination schedules, and statistics reporting.
- Built core logic in C# (WPF) with offline-first operation, syncing SQLite to PostgreSQL for full-scale operations and analytics.
- Applied iterative testing and Python-based analytics to improve data handling and predictive insights.

Amkor IMS Prototype (Laravel, React, Inertia, PostgreSQL)

- Designed an internal management system prototype for Amkor Travel & Tours covering 20 modules across two branches.
- Implemented RBAC for 17 roles, audit trails, and real-time notifications (Laravel Reverb).
- Built reservations, visa processing, accounts payable and receivable, disbursements, attendance, leave, and overtime, with PDF generation from official templates.

Lakbay Pasig (React, TypeScript, Supabase; team of three)

- Built a Progressive Web App centralizing Pasig heritage sites, businesses, and guided routes verified by the Tourism Office (CATO).
- Implemented RBAC for Guests, Users, Vendors, and CATO Staff/Admins using row level security, with review queues and an activity log.
- Added map discovery with directions, GPS/QR-unlocked trail stops, offline downloads, and voice search.

C-Links (Next.js, Supabase, Vercel)
- Built a web app for managing the links behind NFC business cards, with permanent short links, tap counting, partner-only access, in-app NFC chip writing, stock and purchase tracking, and exportable reports.

Pillar (Laravel, Blade, Livewire)
- Built a scholar support and ticketing system with RBAC for Scholars, Staff, and Admins, a ticket lifecycle (open, AI-handled, escalated, resolved, closed), knowledge base auto-responses, and escalation logic.

Qualia (Java, Android SDK, Room/SQLite)
- Built an offline-first Android journaling and mindfulness app with a 70-session guided experience, custom drawing tools, and text, voice, and camera-based journaling.

EDUCATION

Pamantasan ng Lungsod ng Pasig *August 2024 – Expected May 2028*
Bachelor of Science in Information Technology

Buting Senior High School *August 2022 – May 2024*
Computer Systems Servicing

SCHOLARSHIPS & AWARDS

- Real LIFE Foundation Private Scholarship
- Pasig City Local Government Scholarship
- Dean's Lister (3 semesters, A.Y. 2024–2025 to 2025–2026) – Pamantasan ng Lungsod ng Pasig
- 1st Ranker, With High Honor, Perfect Attendance – Buting Senior High School

OTHER EXPERIENCE

SPES Administrative Assistant — Pasig Animal Bite Treatment Center *July 7 – August 1, 2025*
- Assisted 80–120+ patients daily with interviews, information verification, and record management.
- Maintained accurate, confidential patient records in an Electronic Medical Record (EMR) system.
- Coordinated vaccination follow-up schedules and gave health education on animal bite management.

Admin Staff — Barangay Buting, Pasig City (Work Immersion) *February 19 – March 1, 2024*
- Processed barangay indigency, residency, clearance, and business permit documents and maintained records.

CERTIFICATIONS & LEADERSHIP

TESDA Computer Systems Servicing (CSS) NC II *May 15, 2024*
Asia Source iCollege, JDVP via Buting Senior High School
- Installed and configured Windows 10 and Windows Server 2016, including basic networking, patch panels, and cable testing.

NSTP – Civic Welfare Training Service (CWTS) — Pamantasan ng Lungsod ng Pasig *2024–2025*
- Group Leader for Barangay Buting; coordinated a clean-up drive and urban planting program with the barangay secretary and captain.

TRAININGS & SEMINARS

Smart Learning in AI: Shaping the Future of Academia — Pamantasan ng Lungsod ng Pasig *March 13, 2026*

Operation CyberMind: Training the Next-Gen Digital Defenders *November 30, 2025*
Victory BGC, Real LIFE Scholars