Anjelo Benedict Arnaez

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EDUCATION

University of Makati | Makati, Philippines **Aug. 2024 - Present**

B.S. in Computer Science, Major in Application Development | GPA: 3.7/4.0

- **Courses:** Operating Systems, Data Structure and Algorithms, Object Oriented Programming, Web Development, Computer Programming, Machine Learning, Database Systems
- **Honors:** Dean's List (1st & 2nd year)
- **Certificates:** Intro to IoT, Intro to Data Science, Python Essentials, Python Basics

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Go, SQL, Kotlin
Backend & Infra: Next.js, NestJS, React, FastAPI, Jetpack Compose, Socket.IO, Tailwind CSS, Rest API, Prisma
Tools: PostgreSQL, Prisma, SQLAlchemy, Docker, Azure Container Apps, Vercel, Render, GCP, GitHub Actions
Frameworks: Vite, Jest, Vitest, Pytest, autocannon, Lighthouse, Playwright, Figma, Gemini API, Helius API

PROJECTS

PoisonTrace | LINK | *TypeScript, Go, PostgreSQL, React, Docker, Azure, Vercel* **Apr. 2026**

- Built a Solana wallet-poisoning scanner with bounded ingestion, owner-level normalization, and strict candidate filtering, achieving **100%** recall and **0** false positives across **19** test cases
- Enforced idempotent persistence via composite identity keys, verified across **3** runs with **0** duplicate records and matching SHA-256 reproducibility hashes
- Load-tested a React + Go dashboard across 10 routes, load-tested to **~190** req/s at **p99 123ms** with **0** errors
- Added async exports, recovery tests, and CI checks for Go tests, corpus recall, and false-positive regressions

TeamWork | LINK | *Next.js, NestJS, TypeScript, PostgreSQL, Prisma, JWT, Vercel, Render* **Mar. 2026**

- Built a multi-workspace collaboration API with JWT auth, RBAC, and 5 domain modules, sustaining **~24 req/s** at **p99 <300ms** on a constrained 0.1 CPU / 512MB Render instance
- Structured a full-stack TypeScript monorepo with shared API contracts, load-tested with **0 non-2xx responses**
- Reduced production task-board ready time to **553ms** p50 and **581ms p95** across **10/10** Playwright runs
- Secured the API with rate limiting, HttpOnly JWT cookies, and strict CORS controls

SnapLedger | LINK | *Kotlin, Jetpack Compose, FastAPI, SQLAlchemy, PostgreSQL, Gemini, GCP* **May. 2026**

- Built a local-first Android receipt ledger where local saves remain available during backend timeouts and sync failures, using an optimistic queue with WorkManager reconciliation
- Guarded Gemini 2.5 Flash outputs with Pydantic validation, passing **48/48** schema evals
- Automated CI, nightly evals, and PR guards with GitHub Actions, passing **48/48** eval cases
- Built 8 Compose routes with MVVM + StateFlow, with sync determinism tests passing **4/4**