Lance Arnel G. Camacho

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Education

Ateneo de Manila University — Quezon City, Philippines
Bachelor of Science in Management Information Systems — *Expected May 2028*
Specialization in Data Science and Analytics

Experience

Google Developer Groups on Campus Loyola — Quezon City, Philippines
Automations Engineer, Technology Department — *Aug 2026 – Present*

- Built a **Smart Centralized Request Form** in **JavaScript and Google Apps Script**, connecting Forms, Sheets, Docs, Drive, and Gmail to automatically identify officers, generate official documents, organize submissions, and route approval requests
- Designed a registry-driven workflow for a **62-officer directory**, allowing departments, signatories, and recipients to be updated through configuration instead of repeated code changes
- Developed regression checks for directory integrity, officer ID resolution, and form-schema changes to identify workflow issues before they affect live submissions

Antipolo City 1st Congressional District Office — Antipolo City, Philippines
Government Internship Program (GIP) Intern — *Jul 2026 – Expected Dec 2026*

- Built and deployed an internal assistance-management system that consolidated **13.2K+ historical applications from 23 Excel files**, using **Next.js, TypeScript, and Supabase** for searchable records, applicant verification, payout preparation, and reporting
- Developed validated Excel imports with field normalization, duplicate detection, and reconciliation checks; implemented server-side pagination, filtering, and **PostgreSQL Row Level Security**
- Worked directly with district-office staff and applicants to implement payout scheduling, attendance, follow-up, and structured referral tracking for councilors, clans, and other sources

Ateneo Management Information Systems Association (MISA) — Quezon City, Philippines
Software Developer, Project Teams — *Sep 2026 – Present*

- Developed the admin portal for MISA's merchandise ordering system using **Astro and Supabase**, integrating sales dashboards, payment-review and order-fulfillment workflows, and a paginated activity-log viewer
- Built the **Clients, Yard Log, and Settings modules** for CSC Trucking's **client-accepted invoicing system** with MISA's development team using **Next.js, TypeScript, and Convex**; implemented billing defaults, paginated records, ISO 6346 validation, and signatory settings with regression tests and reviewed GitHub PRs
- Co-facilitated *Intro to Python*, a beginner programming workshop for MISA members

Projects

Kalinga — kalinga-gules.vercel.app
Teacher-Informed Classroom Assistant – Course Design Challenge — *Aug 2026 – Present*

- Developed a teacher-informed prototype for lesson planning and multigrade classroom management using **Next.js, TypeScript, Supabase, and Groq**, based on requirements presented by last-mile school teachers
- Implemented grade-specific ILAW lesson plans, learner records, attendance, and page-aware AI guidance with learner-data redaction; course project under **Dr. Maria Mercedes T. Rodrigo**, AIED Society President-elect

LancePad — github.com/surveiLance/LancePad
AI-Powered Study Notebook — *May 2026 – Jun 2026*

- Built a notebook-centered study application using **Next.js, React, TypeScript, Convex, and Groq**, converting user notes into summaries, flashcards, quizzes, tutor explanations, and study recaps
- Implemented TipTap autosave, PDF/DOCX/TXT imports, persistent quiz and review sessions, and validated AI responses with deduplication, fallback handling, and rate-limit feedback

Big 3. One Era. — big-3-nu.vercel.app
Interactive Tennis Statistics Website — *2026*

- Built a responsive tennis comparison website using **Next.js, TypeScript, and Tailwind CSS**, presenting player profiles, career statistics, and head-to-head records for Federer, Nadal, and Djokovic
- Implemented rivalry and tournament filtering, interactive match-history navigation, and a player-filtered career timeline

Skills

Programming: TypeScript, JavaScript, SQL, HTML, CSS
Frameworks & Libraries: React, Next.js, Astro, Tailwind CSS, TipTap, Framer Motion
Backend & Data: Supabase, PostgreSQL, Convex, Groq API
Automation & Tools: Google Apps Script, Google Workspace, Google Forms, Google Sheets, Git, GitHub, Vercel
Productivity: Microsoft Excel, Microsoft PowerPoint