MARK ADRIAN P. REMIGIO

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PROFESSIONAL SUMMARY

IT student who builds secure full-stack web systems with React, TypeScript, Supabase, Firebase, and Django. Delivered five projects, including a live organization dashboard and a CNN-powered facility reporting system. Seeking an OJT/Internship or Junior Web Developer role.

PROJECT EXPERIENCE

FAC-CHECK – Facility Concern Reporting & Maintenance System Jun 2026 – Present

Lead Developer, Thesis/Capstone · Universidad de Manila, Maintenance Engineering Division

- Led development of a Django web system that uses a TensorFlow CNN to classify photo-based concerns into 7 repair categories, routing each report to the correct trade with a low-confidence fallback to "Others."
- Built the full concern lifecycle (submission, notifications, personnel assignment, status tracking, survey analytics, and job-order PDF generation) with change-history auditing on every report.
- Secured the platform with WebAuthn passkeys, email OTP, brute-force lockout, rate limiting, and a honeypot middleware that logs probes of 11 sensitive paths (e.g., .env, .git/config).

NURSEVAULT – Digital Records Archival System Sep 2026 – Present

Freelance Developer · Capstone · PLM College of Nursing · plm-nurse-vault.vercel.app

- Developed a records-archival portal (React, TypeScript, Supabase) that organizes student files across 3 classifications and 21 document types, with duplicate-folder prevention and a completeness tracker.
- Implemented email OTP login (hashed codes, 10-minute expiry, resend limits) and IP+email lockout, then required OTP-verified sessions inside Row-Level Security policies so a stolen password alone cannot access records.
- Protected the audit trail by making the audit log append-only, and routed file access through 7 Supabase Edge Functions and signed URLs instead of direct browser reads.

CARAS ORGANIZATION MANAGEMENT SYSTEM Nov 2025 – Present

Sole Developer · carasdesansebastian.vercel.app

- Evolved a static organization website into a role-based dashboard (Admin and Treasurer) covering 9 modules, with Row-Level Security and automatic logout after 30 minutes of inactivity.
- Built a finance module (contributions, penalties, donations, expenses) with 4 trend charts and 6 print-ready report layouts, giving the Treasurer exportable reports without manual spreadsheets.
- Integrated an AI-drafted Treasurer's narrative via a Supabase Edge Function that keeps the API key server-side and sends pre-computed figures, so the model cannot alter the numbers.

INUMAN LOG – Social Networking Web App Sep 2026 – Present

Sole Developer · Practical Project in Platform Technologies

- Built a social platform (feed, profiles, real-time direct messaging, photo posts with comments and reactions) with vanilla JavaScript and Firebase, hosted on an Azure VM via IIS.
- Wrote Firestore and Storage security rules that gate DMs behind a server-verified mutual follow, restrict cross-user edits to the follower's field only, and limit uploads to images under 8 MB.

SDLC STRIKE – 2D Mobile Game-Based Learning Tool May 2026

Programmer & Game Developer · Team of 4

- Co-developed a Godot (GDScript) RPG teaching 6 SDLC models across 18 stages via boss battles and quizzes, with a save manager and local leaderboard (2,800+ lines, 55 scenes).
- Exported an Android APK and successfully defended the project before the College of Computing Studies (May 22, 2026).

EDUCATION

UNIVERSIDAD DE MANILA Manila

BS Information Technology (Currently 4th Year) 2023 – Expected 2027

Senior High School, ICT Strand (With High Honors) 2021 – 2023

TECHNICAL SKILLS

Languages & Tools: Python, JavaScript, TypeScript, Java, PHP, GDScript; Git/GitHub, Vercel, Azure VM (IIS), Godot
Frontend: React, Vite, TanStack Router, Tailwind CSS, shadcn/ui
Backend & Databases: Django, Supabase (PostgreSQL, RLS, Edge Functions), Firebase (Firestore, Auth, Storage)
AI & Security: TensorFlow (CNN), WebAuthn passkeys, OTP authentication, Row-Level Security, Firestore Security Rules

LEADERSHIP

Media Relations Officer, CARAS (Confraternity of Augustinian Recollect Altar Servers) 2024 – Present

Scholar, Youth Servant Leader Education Program (YSLEP), San Sebastian Basilica Parish 2023 – Present