

LAWRENZ MATTHEW P. GARCIA

Valenzuela City, Metro Manila | lawrenczgarcia1202@gmail.com | linkedin.com/in/lawrenz-matthew-garcia-a84018222 | github.com/Renz5678

EDUCATION

Polytechnic University of the Philippines – Sta. Mesa — BS Computer Science *Expected 2028*

Awards: President's Lister (1st Yr, 2nd Yr)

Coursework: Design and Analysis of Algorithms, Data Structures & Algorithms, Information Management, Object-Oriented Programming

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, SQL, HTML/CSS

Frameworks & Libraries: React, React Native (Expo), Next.js, Express.js, FastAPI, Spring Boot, Tailwind CSS

Cloud, Databases & DevOps: AWS Lambda, DynamoDB, Supabase, Docker, Vercel, Render, GitHub

Core Competencies: Full-stack web & mobile development, problem-solving, debugging, collaborative development

Tools: Git, GitHub, Docker, Vercel, Render, Visual Studio Code, Google Workspace, MS Office, Cisco Packet Tracer, TinkerCAD

PROJECTS

Hardinia — Full-Stack Developer

Nov 2025 – Jan 2026

A plant care management platform that keeps your garden alive even when you forget it exists.

- Developed a full-stack plant care app with a React/Vite frontend and a Dockerized Spring Boot (Java 21) REST API backend, deployed on Vercel and Render.
- Implemented Supabase-based authentication with JWT validation, scheduled maintenance-task generation, an hourly plant health monitor, and automated pest-alert email notifications.

NetForge — Full-Stack Developer

May 2026 – Jun 2026

A mobile app that turns network design theory into something you can actually build, test, and export.

- Developed a mobile network topology design and simulation tool using React Native, Expo, and Skia, with Zustand for state management and Supabase authentication.
- Redesigned the app's core workflow into a Build → Validate → Export pipeline and documented supporting algorithms (Dijkstra's, A*, Prim's, VLSM) in a formal technical proposal.

ADA — Full-Stack Developer

Jun 2026 – Present

A business toolkit that helps freelancers create, sell, and track their work in one place.

- Built a React-based freelance business management platform ("Create. Sell. Track") with Tailwind CSS and Framer Motion for a polished, responsive UI.
- Implemented secure authentication flows with inline validation and password-rule enforcement, and re-engineered a product search feature into a Google-style autocomplete with keyboard navigation.

Tofu — Full-Stack Developer

Jun 2026 – Present

A reading tracker that turns your book log into tier lists, playlists, and shareable recap cards.

- Developed a mobile reading tracker app using React Native, Expo, and Supabase, with features including tier lists, book playlists, and timed reading sessions.
- Designed a dual-API data pipeline (Google Books + Open Library) with Supabase caching, backed by a full 20-page product design document guiding the build.

PUP Tulong — Full-Stack Developer

Jun 2025 – Aug 2025

A peer-to-peer marketplace where PUP students post, claim, and get rated on help requests.

- Built a peer help-request marketplace platform using FastAPI and DynamoDB, deployed serverlessly on AWS Lambda via Docker and Mangum.
- Implemented Google OAuth and email OTP verification for authentication, along with a task-claiming workflow, a 5-star ratings system, and in-app notifications.

EXPERIENCE

Eskwelabs Education Innovation Fellowship – Cohort 8 — Intern

Oct 2025 – Dec 2025

Eskwelabs

- Automated hackathon operations by building n8n workflows to streamline participant email communications, reducing manual coordination effort.
- Strengthened technical and professional skills through participation in structured learning circles alongside fellow fellows.

LEADERSHIP & CAMPUS INVOLVEMENT

Junior Blockchain Education Consortium of the Philippines PUP (JBEC PUP) — Membership Committee Member *Aug 2025 – Present*

- Organized and maintained a Google Sheets database tracking club activities and member information.
- Represented club leadership at inter-organizational meetings on behalf of senior officers.

Shift Out — Events Committee Member

Jul 2025 – Present

- Coordinated and hosted a well-attended club event.
- Attended workshops on front-end and back-end web development.

PUP BSCS 2-4 — Subject Representative

Sep 2025 – Jan 2026

- Served as liaison between faculty and the block on class matters and inquiries.
- Communicated activity announcements and reminders to the block.

AWS Cloud Club PUP — Programs Committee Member

Apr 2025 – Present

- Organized and hosted club events and learning sessions as part of the Programs Committee, coordinating logistics and program flow.
- Served as technical officer for audio and visuals, managing equipment setup and ensuring smooth AV support during sessions and events.

PUP BSCS 1-2 — Block Vice President

Sep 2024 – Jun 2025

- Managed creation and organization of block spreadsheets, forms, and documents.
- Handled block email correspondence and coordinated inquiries between officers and faculty.

ADDITIONAL EXPERIENCE

The Genzette — News Writer / News Writing Head

Aug 2018 – May 2024

Gen. Tiburcio De Leon National High School

- Reported on school events and authored feature articles through original interviews.
- Produced newsletters and managed content for school social media platforms; represented the school in campus journalism contests and press conferences.

MAZIV — Part-time Encoder

Dec 2023

- Entered and verified operational data with accuracy, maintaining organized digital records.

GTDLNHS SSG — Grade 11 Representative

Dec 2023

Gen. Tiburcio De Leon National High School

- Represented the Grade 11 student body in council meetings and school activities.
- Helped organize school events and student development initiatives.

CERTIFICATIONS

Cisco Networking Academy – Networking Devices and Initial Configuration (Jul 2025)

Cisco Networking Academy – Endpoint Security (Jul 2025)

Cisco Networking Academy – JavaScript Essentials 1 (Aug 2025)

BPI DATA Wave 2025 – Human-Centered Market Research & Ideation, Module 1 (Jul 2025)

BPI DATA Wave 2025 – Solution Blueprint & AI Architecture, Module 2 (Aug 2025)

AWARDS & HONORS

Valedictorian, GTDLNHS SHS Batch 2023–2024

UPCAT Passer, AY 2025–2026

DOST-SEI Undergraduate Scholarship Awardee

Senator Win Gatchalian Academic Excellence Award

26th Philippine Mathematical Olympiad – Participant, Ateneo de Manila University

Academic Innovation Challenge by KPMG powered by Microsoft (2025)

DOST-SEI Scholars' Technopreneurship Training Program (STTP+) — National Participant, selected from ~500 applicants nationwide (2026)