

Edward Joshua M. Diesta

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EDUCATION

Ateneo de Manila University

Expected May 2028

BS Computer Science | QPI: 3.81/4.00 | Magna Cum Laude standing

Scholarships: Ateneo Freshman Merit Scholar (top 60/10,000+); DOST-SEI Merit Scholar

EXPERIENCE

Bytespace Labs

May 2026 – Present

Product Engineer, Full-time

Remote, San Francisco, CA

- Shipped 21 Bot0 Desktop engineering changes across Electron UX, cross-platform reliability, artifact editing, integrations, and performance.
- Led Windows parity work across automation surfaces, hardware-backed signing, permissions, local dev parity, packaging, and release readiness.
- Built reusable artifact quick-edit infrastructure for reports, slides, and carousel previews, persisting edits into artifact state for preview/export generation.
- Fixed desktop performance and usability issues in large diff rendering, workspace output expansion, session switching, Markdown export, and responsive UI surfaces.

SOFI AI Tech Solution Inc.

Dec 2025 – Feb 2026

AI Developer Intern

Quezon City, Philippines

- Built an internal QA interface for reviewing and evaluating AI chat outputs, helping the team iterate faster on model behavior.
- Developed frontend tooling with Vue.js and worked across LLM and retrieval-augmented generation pipelines.

Sip & Scale

Feb 2026 – Present

Software Engineer, Part-time

Quezon City, Philippines

- Developed and maintained the startup's public-facing website with Next.js, supporting the team's go-to-market presence.

Ateneo Management Information Systems Association

Jul 2025 – May 2026

AVP for IT Skills and Development

Quezon City, Philippines

- Headed internal engineering initiatives and web development training for 20+ student developers.
- Oversaw external client projects to give members hands-on experience building production-style web applications.

PROJECTS

Crystal

Apr 2026

- Built an AI-powered institutional memory platform with a knowledge graph dashboard and natural language query interface, ingesting Slack and Google Drive communications into Neo4j and pgvector with an async pipeline and real-time Slack bot.

Project Agila: Multi-Tenant Digital Document Approval System

Aug 2025 – Present

- Developed a multi-tenant approval and review system with configurable workflows, role-based access control, drag-and-drop form building, auditor views, real-time messaging, and notifications using Next.js, React, TypeScript, and Supabase.

MISA Registration & Voting System

Aug 2025 – Mar 2026

- Collaborated with a team to build a registration and voting platform for 525 MISA members, reducing check-in time by 75% across 15+ events using Next.js, React, Node.js, and PostgreSQL.

LoClock

Jan 2026 – Present

- Built a React Native/Expo commute alarm app that triggers alerts based on GPS proximity instead of time, with background location tracking, push notifications, EAS builds, and OTA updates.

HACKATHONS AND AWARDS

- **Hakot:** 1st Runner Up, Ship or Be Shipped; built an AI agricultural logistics platform for return-trip load matching.
- **Salbar:** Top 5 of 200+ teams, Naga City's 1st Mayoral Hackathon; built an offline-first emergency protocol with AI-assisted triage.
- **Fortress:** Top 10, IM Summit IT Business Case Competition; proposed a FIDO2-based risk observation and security scoring system.

SKILLS

Tech Next.js, React, TypeScript, JavaScript, Electron, React Native/Expo, Node.js, Python, PostgreSQL, Supabase, Prisma, Convex, Neo4j, pgvector, Git, GitHub, LLMs, RAG, Claude Code, Codex, C

Lang/Certs English, Tagalog | Machine Learning Specialization, DeepLearning.AI/Stanford | CS50, Harvard/edX