

ERWIN JAMES G. CALUAG

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Technical Skills

TypeScript, JavaScript, Python, Node.js, React, Next.js, React Native, Hono, FastAPI, AWS, Supabase, PostgreSQL, Anthropic SDK, OpenAI APIs, LLM Tool Calling, n8n

Relevant Work Experience

QuickCargo | Lead Software Engineer

April 2025 - Present

- Own the technical architecture and end-to-end development of a logistics platform processing approximately **1,000 freight quotes per month**, spanning customer-facing, administration, pricing, and transport management applications.
- Led a platform-wide architecture reform, consolidating four independently developed Next.js backends and two Supabase databases behind a shared **Hono API**, centralizing authentication, customer data, pricing, and core business logic to eliminate duplicated implementations and pricing inconsistencies across applications.
- Built a tool-using **AI email agent** with the **Anthropic SDK** that classifies inbound inquiries, retrieves customer records and orders, calculates freight quotes, and searches company knowledge to generate context-aware response drafts for human approval.
- Developed an **AI-assisted content generation pipeline** grounded in **50+ existing company articles**, generating knowledge-informed blog drafts for human review to support SEO and marketing.
- Drive technical standards, architecture decisions, production deployments, integrations, automation, and platform reliability while working directly with business stakeholders

Generative Labs | Full Stack Software and AI Engineer

October 2024 - October 2025

- Developed and shipped **AI-enabled web and mobile applications** across multiple products, working across full-stack architecture, backend services, and AI integrations.
- Built **LLM-powered product features** using OpenAI APIs, including natural-language search, content generation, and context-aware user experiences.

Apper Digital, Inc. | Full Stack Cloud Software Engineer

July 2023 - October 2024

- Led end-to-end development of a cloud-native **Learning Management System** using React and Node.js, from architecture and implementation through deployment and production support.
- Designed and implemented serverless infrastructure on **AWS** using Lambda, API Gateway, DynamoDB, and S3, optimizing for scalability, reliability, and cost.
- Integrated **OpenAI APIs** to build an AI-powered assistant for automated user support and contextual guidance within the platform.

Digipay PH | Front End Developer

July 2022 - July 2023

- Modernized fintech applications using **React, Next.js, and Redux** while developing production financial features including **agent banking, real-time InstaPay transfers, OTP authentication, transaction history, bills payment, and digital product marketplaces.**

Certifications

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| - AWS Certified AI Practitioner | December 2025 |
| - AWS Certified Solutions Architect - Associate | February 2024 |
| - AWS Certified Cloud Practitioner | December 2023 |

Education

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| University of the Philippines | |
| - Master of Arts in Urban and Regional Planning | 2018-2020 |
| - Bachelor of Public Administration | 2013-2017 |