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Paranaque City

EDUCATION

Technological University of the Philippines – Manila August 7, 2025
Bachelor of Science in Information System (BSIS)

EXPERIENCE

SKYWARD Technology Solutions February 2026 - Present
Full Stack Developer

ESkyward Pay – E-Commerce & Payment Service Integration

- Developed and maintained an enterprise e-commerce platform using **Laravel, React, TypeScript, Inertia.js, Tailwind CSS, shadcn/ui, and MySQL**.
- Integrated the **ESkyward Pay payment service**, implementing payment initiation, transaction verification, secure callbacks, webhook processing, and payment recovery workflows.
- Designed a **reusable multi-service webhook architecture** supporting multiple business applications and third-party integrations.
- Implemented reliable **checkout, inventory, and transaction workflows** using service-layer architecture and transactional database operations.

Pay-It – FinTech Corporate Website & Payment Client UI

- **Developed and maintained a responsive fintech platform** using React, Vite, JavaScript, Tailwind CSS, and React Router, translating Figma designs into production-ready interfaces.
- **Built reusable React components, custom hooks, and modular layouts** to improve maintainability and development efficiency.
- **Developed responsive pages and interactive features** including news filtering, career listings, contact forms, and Framer Motion animations across desktop and mobile devices.
- **Built the payment client interface with status-driven routing** for successful, pending, failed, expired, and not-found transactions, structured for REST API and real-time integration using Axios, Laravel Echo, and Pusher/Reverb.

Matabungkey Beach Hotel — Production Platform Modernization & Reliability

Framework& Platform Modernization

- **Upgraded a production Laravel application from PHP 8.1 / Laravel 9 to PHP 8.4 / Laravel 13**, using a staged migration strategy to minimize production disruption.
- **Resolved compatibility issues and breaking changes** across Composer dependencies, Laravel packages, Symfony components, PHPUnit, and third-party libraries.
- **Refactored legacy code and performed regression testing** to align the application with modern Laravel and PHP practices while preserving existing functionality.

Payment Split, Audit & Reconciliation

- Implemented **percentage-based payment splitting** at the gateway layer, automatically distributing each booking payment between the hotel merchant and the platform while keeping the merchant's share independent of platform fees.
- Built a **season-aware commission engine** driven by configurable traffic and off-peak rates based on the booking's check-in month, enabling rate changes through configuration without code modifications.
- Designed a **finance-grade audit and reconciliation system** that snapshots each split configuration before the payment request and verifies it against the gateway's webhook callbacks, flagging discrepancies with detailed reasons.
- **Engineered idempotent webhook reconciliation** across a multi-stage payment lifecycle, safely handling duplicate and out-of-order callbacks while persisting raw payloads and reconciliation results for a complete, traceable audit trail.

AWS SES Email Service Integration

- Integrated **Amazon SES** into a Laravel application while preserving the existing SMTP email workflow.
- Configured **AWS SES**, Laravel mail services, and environment settings to enable secure and reliable email delivery.
- Implemented **AWS SNS webhook** processing to handle email delivery notifications, bounces, complaints, and related email events.
- **Developed dedicated testing endpoints and performed integration testing** to validate SES email delivery and webhook processing without impacting production email services.

Email Audit Trail Viewer — Admin

- Built an **email audit trail** that consolidates **Amazon SES delivery events** into per-email records, providing visibility into whether guest emails were **sent, delivered, bounced, or marked as spam**.
- Engineered a **cross-application, shared-database architecture** that consumes **SES/SNS events** captured by the customer-facing application and presents them through a **secure admin interface**.
- Implemented **event aggregation and status derivation** by grouping raw events by **message ID** into chronological email timelines, with **configuration-driven categorization** for different email types.

Guest Folio Transaction Split — Admin

- **Implemented a folio transaction-split workflow** allowing staff to divide a single unpaid charge into multiple payable transaction items with custom amounts.
- **Enforced exact amount reconciliation and transactional updates**, preventing billing discrepancies while atomically replacing the original charge with the resulting transaction items.

Synthetic Monitoring & Production Reliability (Checkly + Playwright)

- Implemented automated synthetic monitoring using **Checkly and Playwright** to continuously validate the production booking flow.
- Developed end-to-end tests covering the booking journey from **room search through payment**, with detection for JavaScript errors, HTTP 5xx responses, and browser policy violations.
- Configured **automated email notifications for monitoring failures and recoveries**, enabling proactive detection of booking-flow outages and faster incident response.

Freelance Web Developer

Digital Marketing Portfolio Website — React, TypeScript, Supabase, Tailwind CSS, Shadcn

- Delivered a professional portfolio site for a digital marketing strategist to **showcase experience, campaign achievements, and drive client inquiries**.
- Built a **full-stack single-page app** with **React, TypeScript, and Supabase**, including a custom **admin CMS with authentication, role-based protected routes, image uploads through Supabase Storage, and a Web3Forms-powered contact form**.
- Launched a **self-manageable portfolio** that lets the client **update content in real time and receive inquiries directly**, reducing the need for developer support on every edit.

Marvill Web Development

4 Months

Intern Full Stack Developer

Ticket Management System – Laravel, PHP, MySQL

- Developed backend functionality for a **role-based ticket management system** supporting Admin, Support, and User access levels.
- Implemented backend logic for **ticket creation, task assignment, responses, progress tracking, and user management** using Laravel and MySQL.
- Built **email verification and automated notification workflows** for key ticket events, improving communication and ticket status visibility.

PROJECTS

Gym Management – MongoDB, React, Express, Nodejs

- Built a full-stack web application for managing gym users, members, trainers, and subscriptions.
- Implemented CRUD operations with MongoDB for storing and updating user, member, membership plans and trainer data.
- Designed role-based access (Admin, User, Member, Trainer) with Node.js/Express backend and React frontend.
- Enhanced user experience with SweetAlert notifications, Framer Motion animations, and Tailwind CSS for modern styling.

BlogSpace – React, Typescript, Supabase

- Built a full-stack blogging application with user authentication, CRUD functionality, and role-based access control for posts and comments.
- Implemented real-time comment updates and interactive notifications using Supabase to enhance user engagement.
- Designed a responsive, modern UI with Tailwind CSS and Framer Motion animations for a smooth user experience.

TECHNICAL SKILLS

Frontend: JavaScript, React, TypeScript, Zustand, Redux, Tailwind, Bootstrap, Shadcn UI, MUI, HTML, CSS

Backend: Laravel, PHP, Node.js, Express.js, Inertia.js, Laravel Reverb, REST APIs

Database: MongoDB, MySQL, Supabase,

Cloud & Services: Amazon SES, Amazon SNS, Datadog

AI & Developer Tools: Claude, Kiro, AI-assisted development Git, GitHub, Bitbucket, Postman, Composer, Vite