Justine L. Castaneda

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EXPERIENCE

Full Stack Developer
RSB Consulting Inc.

2025 – Present

Makati, Philippines

- Designed and implemented full-stack features across Centhris modules including Core HR, Payroll, Finance (COA/AR/AP), Attendance & Scheduling, and Project Management.
- Architected Laravel backend services using queues, events, observers, caching layers, API resource patterns, and modular service classes to support scalable business workflows.
- Built responsive, maintainable frontend interfaces with Nuxt 3, Vue 3, Pinia, and typed composables, improving UI consistency and code reuse across modules.
- Implemented real-time capabilities using Soketi, Pusher, and Laravel Echo for instant user updates on scheduling and HR operations.
- Developed automated testing suites using Vitest (unit/integration), Playwright (E2E), and PHPUnit (backend), reducing regressions in mission-critical systems.
- Containerized development environments using Docker, Traefik, Portainer, Lando, MinIO, Mailhog, and Nginx, significantly improving onboarding and workflow reliability.
- Managed AWS deployments via EC2, S3, RDS, and Elastic Beanstalk, ensuring smooth rollout of backend and frontend services.
- Implemented CI/CD pipelines with GitHub Actions and Jenkins to automate testing, code quality checks, and deployment workflows.
- Designed workflow automations using n8n for syncing processes, notifications, and scheduled maintenance tasks reducing manual operations.
- Integrated AI tools (OpenAI, Claude, Gemini) into documentation, code scaffolding, and internal utilities to increase development productivity.

Junior Marketing Technology Developer
Altus Digital

Jul 2024 – Feb 2025

Remote — Melbourne, Australia

- Developed SQL-driven segmentation, AMPscript personalization, and automated customer journeys within Salesforce Marketing Cloud.
- Built internal extensions and tooling to optimize campaign execution and reduce repetitive tasks.
- Improved email automation reliability and reduced workflow execution time through optimized logic and segmentation.

Full Stack Developer Intern / Project Manager
MyDreamVisa LLC

2024

Remote — Florida, USA

- Refactored Vue.js application from Options API to Composition API and migrated the entire codebase to TypeScript for improved maintainability.
- Built reusable Tooltip and Onboarding systems used across multiple pages and features.
- Promoted to Project Manager; led two developers, planned sprints, and ensured timely delivery of major product milestones.

EDUCATION

Polytechnic University of the Philippines - Sta. Rosa
B.S. Information Technology

Laguna, Philippines

2024

PROJECTS

CentHRIS/Finance Platform | *Laravel, Nuxt, PostgreSQL, Docker, AWS*

2025 – Present

- Engineered payroll computation modules, tax rules, COA workflows, AR/AP processes, and scheduling logic for a multi-module HRIS ecosystem.
- Developed reusable frontend frameworks using shared UI components, composables, and organized state management patterns.
- Built workflow automation in n8n for syncing, notifications, and background tasks, reducing operational overhead.
- Improved reliability through automated test coverage using Vitest, Playwright, and PHPUnit.

e-Dukado LMS | *Next.js, Supabase*   2024
- Developed authentication, course management, and teacher-student workflows for a public school LMS.
- Conducted educator interviews and iterated UI/UX improvements based on user feedback.

PUP Online Transaction Management System | *PHP, MySQL*   2023 – 2024
- Implemented secure authentication and session management for university online transactions.
- Designed optimized SQL schemas and improved query efficiency for smoother data retrieval.
- Created system documentation covering architecture, schemas, and workflows for maintainability.

TECHNICAL SKILLS

Frontend: Nuxt 3, Vue 3, React, Composition API, Pinia, TailwindCSS, TypeScript, Component Architecture, State Management

Backend: Laravel, Node.js, Express, REST API Design, Service Classes, Queues, Events, Observers, Caching, RBAC

Databases: PostgreSQL, MySQL, Supabase, Query Optimization, Schema Design

Testing: Vitest (unit/integration), Playwright (E2E), PHPUnit (feature/unit)

DevOps / Cloud: Docker, Traefik, Portainer, Cloudflare Tunnels, Lando, MinIO, Mailhog, AWS (EC2, S3, RDS, Elastic Beanstalk), GitHub Actions, Jenkins

Automation & AI: n8n Workflow Automation, OpenAI (ChatGPT), Anthropic Claude, Google Gemini, GitHub Copilot, OpenRouter

Other Tools: Jira, Postman, Git, Nginx