

ROBERT ROY P. SALVO

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SUMMARY

Full-Stack Software Engineer with **5+ years** of production experience designing and delivering enterprise-grade **TypeScript** applications from architecture through deployment. Proven ability to translate complex operational requirements into **scalable, maintainable** platforms, not disposable prototypes. Experienced owning full delivery lifecycles, integrating systems across middleware and third-party services, and maintaining production environments under real business load. Comfortable working directly with stakeholders to turn business intent into clear technical outcomes, and taking hands-on ownership of code quality and architectural decisions.

SKILLS

- **Languages & Core:** TypeScript, JavaScript, HTML5, CSS3, Python
- **Frontend:** React, Next.js, React Native, Flutter, TailwindCSS, Component architecture, Performance optimization
- **Backend & Middleware:** Node.js, Express.js, NestJS, REST APIs, GraphQL, Webhook integration layers, OAuth
- **Databases:** MongoDB, Firebase, Supabase
- **Cloud & DevOps:** AWS EC2, GitHub Actions, CI/CD Pipelines, Zero-downtime deployments
- **Architecture:** System design, Role-Based Access Control, JWT Auth, Middleware integration, Scalable schema design
- **Practices:** End-to-end delivery ownership, Agile collaboration, Code reviews, Documentation, AI-assisted development

WORK EXPERIENCE

ORDLABS

March 2025 – Present

Co-Founder & Chief Technology Officer

- Co-founded a software engineering agency delivering custom web and mobile products for startups and small businesses, owning technology strategy, platform architecture, and scalability across all client engagements.
- Directed system design and tech-stack decisions across the agency's product portfolio (**React**, **Next.js**, **React Native**, **Node.js**), ensuring solutions were engineered to scale from MVP through production.
- Architected **embyte**, a modular event-management SaaS platform with an offline-first QR check-in engine that cut gate queue times by **85%**, and guided technical delivery of client products including **Timpla** from concept through launch.

ADON PH INC.

January 2026 – Present

Shopify App Developer

- Architected and maintained custom **Shopify** apps integrating third-party services via **REST APIs**, writing clean and scalable backend code to support reliable mobile and web client experiences.
- Engineered secure backend services using **Node.js** and **Express.js** handling **OAuth** authentication and real-time data synchronization, critical patterns in production mobile app backends.
- Improved async pipeline reliability and performance, reducing error rates in data sync operations across integrated platforms

POUR AND MIX CATERING SERVICES

June 2025 – December 2025

Full-Stack Developer

- Owned **end-to-end delivery** of a cross-platform ordering and inventory management system, from architecture design through deployment and production support.
- Built a **Node.js/Express.js** backend on **AWS EC2** with a full **CI/CD** pipeline via **GitHub Actions**, achieving **zero-downtime deployments** across the full application lifecycle.
- Delivered a **40% increase** in order processing efficiency through workflow automation.

- Integrated **real-time inventory tracking** across mobile and web clients, maintaining data consistency under concurrent operational load.

ZENITH TECHNOLOGY

October 2024 – April 2025

Front End Developer Intern

- Collaborated within an **Agile** delivery team to ship new features and component improvements, contributing to project completion **2 weeks ahead of schedule**.
- Identified and implemented **render optimizations** that measurably improved UI performance across key application views, demonstrating initiative beyond assigned scope.

FREELANCE DEVELOPER

August 2021 – March 2025

Full-Stack Developer

- Took **end-to-end ownership** of **5+ web and mobile application projects** across multiple industries, managing requirements, architecture, development, and delivery independently.
- Built custom authentication, CRUD, and data management systems on **MongoDB, Firebase, and Supabase**, tailored to client operational workflows rather than generic templates.
- Implemented secure **RESTful APIs** with **JWT authentication** and **role-based access control**, ensuring long-term maintainability and security in production environments.

PROJECTS

EVENTURE: Enterprise Event Management Platform

- Architected and delivered a full-stack platform supporting **1,600+ registered users** with reliable performance under concurrent load, demonstrating capability to build platforms that hold up in production, not just demos.
- Designed a **NestJS + GraphQL** backend from scratch: schema design, core domain modeling, **JWT authentication, RBAC**, and a public API structured for scalability and future feature expansion.
- Owned all technical decisions end-to-end, from data model design through deployment, treating it as a long-lived platform rather than a one-off project.

TIMPLA APP: Food Kit Ordering Platform

- Built a cross-platform food kit ordering mobile app with **React Native** and **Expo**, spanning **37 screens** across **13 feature modules**, meal kit catalog, mart ingredients, cart, checkout, and order tracking, for customer and staff roles on **iOS** and **Android**.
- Integrated **21+ REST API services** with **JWT auth**, **Google OAuth**, and **Zod** validation; implemented **3 real-time WebSocket channels** for live order, notification, and catalog updates; deployed production builds via **EAS CI/CD** to the **App Store** and **Google Play**.

EDUCATION

Univ. of Science and Technology of Southern Philippines

Cagayan de Oro, PH

Bachelor of Science in Computer Engineering

August 2022 – June 2026

Relevant Coursework: Data Structures & Algorithms, Computer Networks, Software Engineering, Database Systems, Operating Systems

CERTIFICATIONS & DEVELOPMENT

Cisco CCNA.