MICHAEL JOHN REVILLA

FULL-STACK SOFTWARE ENGINEER

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SUMMARY

Full-Stack Software Engineer building production web applications with **React**, **Next.js**, **TypeScript**, **Laravel**, and **PostgreSQL**. Experienced across frontend development, backend architecture, third-party APIs, databases, CI/CD, and cloud deployment.

EXPERIENCE

Full-Stack Developer, Forgekeep **Jul 2026 to Aug 2026**

Contract · Remote · Cebu, Philippines

- Built and enhanced a full-stack guild-management platform with marketplace listings, bids, image uploads, contact profiles, anonymous listings, and real-time transaction workflows.
- Implemented PayMongo premium billing features, including subscription entitlements, QRPH/manual renewal support, billing screens, and related PostgreSQL schema migrations.
- Developed Discord bot improvements for smart attendance and combat-power workflows; supported bot deployment and staging infrastructure.
- Added live market-price aggregation to a relic calculator, improving data-driven pricing and marketplace decisions.
- Worked across React/Next.js interfaces, TypeScript backend APIs, Supabase/PostgreSQL, database migrations, validation, and deployment tooling.

Tech: Next.js, React, TypeScript, Hono, Supabase/PostgreSQL, Prisma, PayMongo, Discord.js, Docker, VPS Deployment

Full-Stack Developer, 888Group **Jun 2026 to Aug 2026**

Contract · Remote · New York, USA

- Built a production buyer/deal commitment platform supporting **40–50 buying partners** across deal access, commitments, fulfillment proof, and cancellations.
- Engineered core backend workflows for deals, commitments, pricing, cancellations, authentication, and role-based access using Next.js, TypeScript, Supabase/PostgreSQL, and Zod.
- Designed **concurrency-safe commitment workflows** using PostgreSQL transactions, row-level locking, and database constraints to prevent over-commitment during simultaneous submissions.
- Implemented secure authentication and onboarding with email OTP verification, password recovery, session management, and **role-based access control (RBAC)**.
- Improved deal browsing and application performance through infinite scrolling, pricing and payout visibility, **database indexing and migration optimizations**.

Tech: Next.js · Supabase/PostgreSQL · Resend API · Vercel · Zod · TanStack Query

Full-Stack Developer, SUpost **Jul 2025 to Jul 2026**

Full-time · Remote · California, USA

- Modernized an independent campus marketplace serving **100K+ users annually** by migrating the application from **Ruby on Rails to Next.js** and transitioning its data layer to Supabase/PostgreSQL.
- Integrated **Stripe and PayPal** payment gateways to enable revenue-generating payment flows and support online transactions across the marketplace.
- Developed an **AI-powered scam detection system** that analyzes user-to-user messages and flags potentially fraudulent or suspicious conversations to improve marketplace safety.
- Standardized development and deployment workflows by implementing **CI/CD pipelines**, improving the consistency and reliability of application releases.

Tech: Next.js · Supabase/PostgreSQL · Mailgun API · TanStack Query · Gemini · Stripe Connect · PayPal · Vercel

PERSONAL PROJECTS

Full-Stack Developer, AutoBlitz **2025 to 2026**

Davao City, Philippines

- Developed two business automation solutions for AutoBlitz Autoservice: an **SMS marketing platform** and a **Meta/Facebook business chatbot** for customer outreach and lead management.
- Built a full-stack SMS campaign platform used for monthly outreach to approximately **100 prospective customers**, supporting campaign creation, contact management, and message delivery workflows.
- Developed a **Meta-integrated chatbot** for Facebook advertising and customer inquiries, automating responses to incoming leads and customer messages.
- Implemented backend workflows for **contacts, campaigns, message history, and automated conversations**.
- Designed straightforward interfaces enabling non-technical business users to manage customer outreach and marketing activities.

Tech: Next.js · Supabase/PostgreSQL · Node.js · VPS · TanStack Query

Rural Health Unit Management System — Lead Developer **Feb 2025 to Jul 2025**

Academic Capstone · General Santos City, Philippines

- Led the development of a **Rural Health Unit management system** using Laravel, React, and Inertia.js.
- Designed and implemented **inventory tracking, user management, and administrative workflows** based on operational requirements gathered for the project.
- Designed and managed the **MySQL database architecture** supporting the application's core modules and data relationships.
- Coordinated development across the project team, overseeing **code quality, feature implementation, testing, and system integration**.

Tech: Laravel · React · Inertia.js · MySQL · Shared Hosting

TECHNICAL PROFICIENCIES

Languages:	TypeScript, JavaScript , PHP , SQL
Frontend:	React, Next.js, Inertia.js, Tailwind CSS
Backend:	Laravel, Node.js, REST APIs
Databases:	PostgreSQL, MySQL, Supabase
Cloud & DevOps:	Vercel, GitHub Actions, CI/CD, VPS Deployment
Integrations:	Stripe, PayPal, Meta API, Mailgun, Resend
Tools:	Git, GitHub

EDUCATION

STI College, General Santos City **Sept 2021 to Jun 2025**

Bachelor of Science in Information Technology

AWARDS & CERTIFICATIONS

6th Place — National IT Software Solutions for Business (ITSSB) **Aug 2025**

Metro Manila

Philippine National Competition · Metro Manila

Gold Medalist — IT Software Solutions for Business (ITSSB) **Nov 2023**

Philippine Regional Competition · Tacurong City

SAP Business One

Systems Administration

Java Foundation

LINKS

Github, Portfolio, Linkedin