

ROBIN ANDREI H. SERRANO

Full Stack Developer

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SKILLS

- **Mobile Architecture & Frameworks:** Flutter, Dart, FlutterFlow, React Native | App Store & Google Play Store Publishing
- **Frontend & Web:** JavaScript, TypeScript, React, Vue.js, Inertia.js | HTML5, CSS3, Tailwind CSS
- **Backend, Systems & Databases:** PHP, Laravel Ecosystem | MySQL, PostgreSQL, Firebase, Supabase | REST API Design & Odoo ERP Integration
- **DevOps, CI/CD & Infrastructure:** Docker, Git, GitHub, Codemagic (CI/CD) | Automated Testing Pipelines | Firebase Remote Config (Feature Toggling & A/B Testing) | Agile & Scrum Methodologies
- **Automation & AI-Assisted Engineering:** n8n (Workflow Automation), Cursor, Antigravity

WORK EXPERIENCE

Full Stack Developer (May 2024 - Present)

Australian Outsource Desk

- **Full-Cycle Systems Architecture:** Architected and deployed a high-performance Sales Commission mobile app (Flutter) backed by a robust Laravel API, fully automating complex commission tracking for sales teams.
- **Product Retention Initiatives:** Led end-to-end development of a consumer retention app that drove brand engagement and reorders through automated, personalized replacement notifications and frictionless embedded purchase funnels.
- **Technical Product Ownership:** Translated ambiguous, high-level business requirements into precise architectural specifications and actionable technical tasks for the engineering team.
- **Scalable Codebase Engineering:** Engineered enterprise-grade Flutter environments using advanced state management (BLoC, Riverpod) to ensure highly maintainable, modular, and test-driven codebases.
- **ERP Integration & Automation:** Built custom internal tooling seamlessly integrated with Odoo ERP, radically optimizing operational fulfillment by automating carrier-specific data exports.
- **Performance Optimization:** Proactively audited and benchmarked application runtimes, resolving critical bottlenecks to maximize cross-platform responsiveness, stability, and speed.

Mid Mobile Developer (January 2023 - February 2024)

Revdojo (Remote)

- **White-Label Product Engineering:** Developed and managed a scalable, white-label Learning Management System (LMS) mobile application in Flutter tailored for automated corporate training deployments across diverse automotive clients.
- **Technical Debt Reduction:** Spearheaded the integration of Clean Architecture principles alongside BLOC state management, establishing a modular framework that drastically reduced technical debt and accelerated cross-team onboarding scalability.
- **CI/CD Pipeline Automation:** Designed, automated, and managed continuous integration and deployment (CI/CD) pipelines via Codemagic, achieving rapid, zero-friction releases across Apple App Store, Google Play Store, and Firebase App Distribution.
- **Dynamic Feature Deployment:** Integrated Firebase Remote Config infrastructures to handle real-time feature toggling and strategic A/B testing, empowering product teams to seamlessly adjust features live without requiring app store resubmissions.
- **Quality Assurance & Reliability:** Partnered directly with QA engineering teams to design and execute thorough load, error, and stress testing matrices, guaranteeing application resilience under heavy concurrent user spikes.

Mobile Developer (October 2021 - December 2022)

Posbang Corporation (Remote)

- **Cross-Device Product Development:** Built and scaled a responsive Project Management and Human Resources mobile application, ensuring flawless cross-platform performance, portability, and layout precision across diverse devices.
- **Legacy Codebase Refactoring:** Evaluated and optimized legacy application codebases, executing deep performance overhauls to extend system lifecycles, heighten stability, and elevate overall application scalability.
- **Release Management:** Assumed complete technical ownership of the end-to-end application publishing lifecycle for both iOS and Android platforms, strictly maintaining compliance with strict App Store and Google Play guidelines.
- **Design & UI/UX Synthesis:** Collaborated intimately with UI/UX design teams to translate complex user journeys into intuitive, user-friendly mobile interfaces while upholding high-fidelity design system consistency.

EDUCATION & CERTIFICATIONS

Holy Angel University | June 2018 - June 2022

Bachelor of Science in Computer Science

Systems Plus College Foundation (Senior High School) | June 2016 - June 2018

Technical Vocational Livelihood (TVL) ICT Track | *Graduated with Honors*

- **Certification:** Microsoft 365 Certified: Fundamentals | Microsoft (May 2021)
- **Certification:** Microsoft Certified: Azure Fundamentals | Microsoft (May 2021)