

# John Rey J. Silverio

Full Stack Developer

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## Professional Summary

Full Stack Developer with 3 years of engineering experience combining structured backend logic with robust frontend and mobile architecture. Proven track record in resolving complex UI/UX bottlenecks, eliminating cross-platform rendering bugs, and building unified multi-role ecosystems. Combines a collaborative, "ask first, execute precisely" mindset with a published background in practical AI/YOLOv8 implementations.

## Education

Holy Cross of Davao College | August 2021 - July 2025

Davao City, Philippines

Bachelor of Science in Information Technology

## Skills Summary

- **Languages:** Javascript, Typescript, Html, Html5, C#, C++, Python, PHP, Java, SQL, NoSQL
- **Frameworks:** Next.js, Django, React Native, .Net, Asp.Net
- **Tools:** Vs Code, Git, Github, NPM, Android Studio, ChatGPT
- **Platforms:** Vercel, Android, Virtual Device Manager
- **Methodologies:** Debugging/Troubleshooting, Peer Code Review, Version Control, Agile Development
- **Soft Skills:** Good Communication, Ask first before execute.

## Work Experience

**Full stack Mobile Developer | Poseidon Distribution OPC. | Feb. 2026 - June 2026**

- Standardized frontend architecture across 2 mobile apps to eliminate codebase fragmentation and prevent technical debt.
- Engineered 30+ reusable UI components to resolve design inconsistencies, significantly cutting development cycles.
- Resolved 15+ UI/UX bottlenecks in core merchant and branch financial modules, eliminating critical user friction.
- Root-caused and patched an Expo Go rendering bug, fixing cross-platform font layout discrepancies on iOS and Android.

**Frontend Developer Intern | Jairosoft Inc. | Feb. 2025 - July 2025**

- Engineered 5+ responsive UI components using React and Tailwind CSS to solve styling inconsistencies and accelerate feature deployment.
- Eliminated critical frontend bugs, resolving hydration errors and failed component loads to reduce bug reports by 15%.
- Optimized core frontend interfaces to remediate performance bottlenecks, achieving faster load times and smoother cross-device rendering.

## Projects

### Rundzee Ecosystem

- Architected a multi-role mobile ecosystem to unify 4 separate client, provider, rider, and merchant workflows into a single, cohesive codebase.
- Engineered 10+ core infrastructure modules—including authentication, subscriptions, and financial transactions—to resolve complex data isolation challenges across roles.
- Implemented real-time synchronization flows using Supabase to solve live data lag, ensuring instant delivery routing updates and seamless transport tracking.

### ColinaHealth

- Accelerated delivery of a production-ready healthcare app within an Agile cycle, stepping in to unblock tight sprint timelines and feature dependencies.
- Remediated cross-device layout regressions by building and refining responsive UI components to enforce absolute design consistency.
- Stabilized frontend performance by proactively diagnosing and fixing rendering bugs, reducing runtime errors across the platform.

### DresScan App

- Engineered a real-time compliance monitoring system using YOLOv8 to automate dress code and student ID verification, eliminating manual checkpoint bottlenecks.
- Resolved latency issues in live video feeds by integrating stream processing directly with object detection models for instantaneous recognition.
- Optimized frame processing pipelines, tuning model inference speeds to eliminate lag and maximize real-time detection accuracy.

## Certificates

**Responsive Web Design – freeCodeCamp | Issued Apr 2025**

- Credential ID: jrsilverio-rwd | Skills: HTML5, CSS3, Responsive Design

## Publications

**YOLO-Based AI Application for Attire Appropriateness Assessment in Educational Environments**

- Authors: Silverio, J. R. J., et al.
- Venue: Proceedings of the 14th International Conference on Software and Information Engineering (ICSIE 2026) | Paper ID: KB1026