

# JAN LURENCE R. ESPINOSA

## Full Stack Mobile and Web Developer

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### CAREER PROFILE

Full Stack Mobile and Web Developer with experience building mobile, web, desktop, and database-driven systems using Flutter, Dart, PHP, C#, SQL, Kotlin, HTML, CSS, and JavaScript. Skilled in developing user-focused applications, secure API integrations, responsive interfaces, database-backed workflows, and scalable system architecture for attendance, job order, vehicle reservation, communication, clinic management, delegation, home automation, and navigation solutions.

### TECHNICAL SKILLS

**Mobile & Cross-Platform:** Flutter, Dart, Android Studio, Kotlin, mobile, web, and desktop applications

**Backend & Database:** RESTful APIs, MySQL, SQL Server, authentication, data synchronization, optimization

**System Delivery:** Requirements gathering, UI/UX design, testing, deployment, maintenance, user support

**Web Development:** PHP, HTML, CSS, JavaScript, responsive design, user-centric interfaces

**Desktop & IoT:** C#, Windows Forms, .NET framework, ESP32, home automation systems

**Security & Reliability:** Input validation, API security, error handling, troubleshooting, performance optimization

### EDUCATION

#### Bachelor of Science in Information Technology

University of San Jose - Recoletos | 2022 - Present

### EXPERIENCE & SELECTED PROJECTS

#### Application and Web Developer - Biometric Attendance System

Tzu Chi Foundation | August 2023 - Present

- Designed, developed, deployed, and maintained a biometric attendance system that improved attendance tracking and operational efficiency.
- Managed requirements gathering, system design, C#/SQL development, database management, troubleshooting, and user-friendly interface implementation.

#### Self-Developer - Job Order Management System

University of San Jose - Recoletos | January 2025 - July 2025

- Built an online job order platform for request submission, approvals, tracking, and transparency within the Property Administrator's Office.
- Used PHP, MySQL, JavaScript, and modern UI/UX practices to deliver secure, scalable modules and provide ongoing support.

#### Self-Developer - Vehicle Reservation Management System

University of San Jose - Recoletos | July 2025 - Present

- Developed a web-based reservation system for official vehicle requests, multi-level approvals, driver scheduling, and real-time status updates.
- Handled full lifecycle development, database optimization, testing, deployment, maintenance, and user support.

#### Flutter Developer - Incoming and Outgoing Communication Application

Flutter + PHP Backend Project

- Created a Flutter-based communication and document tracking app with a PHP/MySQL backend, RESTful APIs, notifications, read status tracking, and conversation history.
- Implemented API security measures, input validation, error handling, and performance optimizations for reliable active usage.

### REFERENCES

Available upon request.