

# JAY-RON JAVIER

## SOFTWARE ENGINEER

696 Dampol 1 Pulilan Bulacan | jayronxjavier@gmail.com | +639624483756 |  
github.com/Jayronj0616 | https://portfolio-jayronjavier.vercel.app/

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### SUMMARY

Full-stack Software Developer experienced in designing and deploying scalable web applications with advanced features including automated workflows, real-time data synchronization, and comprehensive audit systems. Skilled at translating business requirements into technical solutions that improve efficiency and user experience. Known for rapid problem-solving, clean code practices, and seamless adaptation to new tech stacks.

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### WORK EXPERIENCE

#### Metro Jobs & Payment Solutions, Incorporated

##### Full Stack Developer

November, 2025 - Present

- Developed a Laravel 10 QR Pass Management System with role-based access control, real-time dashboard updates, automated pass expiration via scheduled tasks, and offline-first scanner using IndexedDB for resilient validation
- Implemented automated pass expiration system using Laravel task scheduling, processing expired passes daily and maintaining data integrity through comprehensive logging and error handling.
- Developed offline-capable scanner module with automatic data synchronization, enabling guards to validate QR passes without internet connectivity by caching data in localStorage and queuing validation logs in IndexedDB
- Built comprehensive audit trail system with real-time analytics dashboard, generating detailed reports on pass usage patterns and gate traffic analysis.

#### Phoenix Publishing House Inc.

##### Software Developer Intern

Feb, 2025 – May, 2025

- Enhanced and maintained an existing booking and scheduling system, ensuring accurate schedule management and data consistency.
  - Improved system stability by debugging and fixing issues related to booking conflicts and form validation
  - Prepared compelling client presentations and reports, translating complex data into actionable insights for decision-makers.
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### EDUCATION

#### Bachelor of Science in Information Technology

- Graduated: July, 2025

#### Senior High School (Accountancy, Business, and Management)

- Graduated: June, 2020

## PERSONAL PROJECT/S

### Airline-System

- Designed and developed a full-stack airline booking and revenue management system simulating real-world airline operations. Implemented demand-based dynamic pricing, concurrency-safe seat inventory, and automated background jobs to optimize revenue and ensure data integrity across the entire booking lifecycle.

### Caffeine Co.

- Designed and developed a premium coffee shop web application featuring a luxury "Artisan Cream & Espresso" brand identity. Implemented a sophisticated, responsive UI using React and Tailwind CSS, featuring dynamic menu interactions, high-performance category filtering, and an intuitive client-side ordering system with polished micro-animations to ensure a seamless and high-end user experience.
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## SKILLS

- Web Application Development
- Database Management & Optimization
- Technical Support & Issue Resolution
- Analytical & Critical Thinking
- Problem Solving & Logical Reasoning
- Professional Communication
- Attention to Detail
- Team Collaboration
- System Analysis & Improvement
- Rapid Technology Adaptation
- Debugging & Troubleshooting