

ROGELIO FLORES GALLARDO

**Full Stack Developer & Automation Architect**

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## PROFESSIONAL SUMMARY

Innovative Full-Stack Developer specializing in the **Laravel, React, and Inertia.js** ecosystem. Proven success in building AI-integrated SaaS tools and secure enterprise solutions by bridging traditional web architecture with **Low-Code Automation (Make.com)**. **Rapidly adapts to emerging technologies**, demonstrated by successfully executing legacy migrations and integrating complex Generative AI APIs into scalable systems.

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## TECHNICAL SKILLS

- **Core Stack:** Laravel 12 & 9, PHP, React.js, Inertia.js
  - **AI & Automation:** Google Gemini API, OpenAI API, Make.com (Advanced Workflows), Webhooks.
  - **Database & Cloud:** MySQL, PostgreSQL, Cloudinary, Vercel, Netlify, Render.
  - **Frontend/UI:** Tailwind CSS, ShadcnUI, Blade Templates, Bootstrap.
  - **DevOps & Tools:** Git, RESTful API Design, Spatie Permissions (RBAC), Postman, Docker.
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## PROFESSIONAL EXPERIENCE

### **Freelance Full Stack Developer & Automation Specialist** *Remote / Dec 2025*

#### **Generative AI Webtoon Platform (Next.js & Python FastAPI):**

- **UI/UX Modernization & Refactoring:** Refactored an existing **Next.js** codebase to implement a responsive **Split-View Interface**, separating the text input prompt from the generative image output for better workflow.
- **Feature Implementation:** Integrated a seamless **Drag-and-Drop** functionality for image assets and optimized the CSS layout to ensure 100% responsiveness across mobile and desktop devices.

#### **Solaire Sportsbet Demo (Automation & Frontend):**

- **Custom Frontend Build:** Developed the demo interface **from scratch** using pure **HTML, CSS, and Vanilla JavaScript**, ensuring a lightweight and pixel-perfect design without reliance on heavy frameworks.
- **Blueprint Optimization (Make.com):** Enhanced a provided automation blueprint by migrating the AI core from **OpenAI to Google Gemini**. Engineered a **Proactive Welcome Trigger** that suggests live basketball games, expanding the system to three distinct logic paths (Odds, Inquiries, Onboarding).

### **Full Stack Developer (PNB - Static to Dynamic Migration)** *(PNB) Website / Dec 2025*

- **Legacy Migration (Node.js & Vanilla JS):** Architected the transition of a static **HTML/CSS/JS** prototype into a secure, dynamic web application powered by a **Node.js** backend.
- **Security Engineering:** Engineered a **JWT-based Authentication System** in Node.js, replacing hardcoded client-side logic with secure, hashed password validation and session management.
- **API Development:** Built custom RESTful endpoints (`/api/login`, `/api/ticker`) using **Node.js** to serve real-time financial data, replacing legacy mock scripts and ensuring data integrity.
- **DevOps & Infrastructure:** Established a **CI/CD pipeline** via GitHub Actions and containerized the Node.js application using **Docker** for consistent staging and production deployment.

### **IT Support Intern** *National Telecommunications Commission (NTC) / Feb 2025 – May 2025*

- **Data Integrity:** Managed secure documentation and digital evidence archiving for high-profile scam cases and privacy violations.
- **Regulatory Compliance:** Coordinated with cross-functional teams to prepare detailed incident reports for regulatory review.

## KEY TECHNICAL PROJECTS

### Barangay Management System (SaaS) | Laravel 12, React, Inertia, ShadcnUI, MySql

- **Secure Architecture:** Engineered a government-compliant portal using **Laravel** with **Role-Based Access Control (RBAC)** via Spatie and **2-Factor Authentication (2FA)**.
- **Real-Time Communication:** Built a live chat system using **Laravel Event Broadcasting** and **Pusher**.
- **Disaster Response Module:** Integrated OpenWeatherMap and Windy APIs to visualize typhoon tracking.
- **Data Optimization:** Implemented Laravel Excel for bulk operations, reducing manual data entry time by approximately 40%.

### Coffee Menu SPA (SaaS MVP) | Laravel 12, React, Inertia, TailwindCSS, Cloudinary

- Developed a fully responsive Single Page Application (SPA) with optimized cloud-based image delivery (Cloudinary) and a modern ShadCN UI interface.

### RFID Cashless Payment System (Capstone) | Laravel 9, PHP, MySQL

- Designed a secure backend architecture for university-exclusive POS systems, reducing checkout latency via RFID integration.

### AI & Social Media Automation Suite | Make.com, Telegram API, Google Sheets

- **Facebook AI Agent:** Engineered a workflow integrating **Facebook** and **OpenAI** to generate intelligent, context-aware replies to page comments, while automatically logging lead data into **Google Sheets**.
  - **Dual-Path Telegram Bot:** Developed an interactive bot with branching logic. Integrated an **External Public API** to fetch dynamic anime recommendations, distinct from the static motivational flow.
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## EDUCATION & CERTIFICATION

**Bachelor of Science in Information Technology (Major in Web Development)** Cagayan State University  
| Graduated July 2025

- **Cybersecurity & Secure Software Development** - Ethel Programming Services
- **Web Development Basics: HTML, CSS, and JavaScript** - Ethel Programming Services
- **JavaScript Classes and Object-Oriented Programming** - Ethel Programming Services
- **Python Basic Syntax and Variables** - Ethel Programming Services