

Julian Marangoni

FULL STACK DEVELOPER

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PROFILE

Full stack developer with 13+ years of experience building and maintaining web applications in PHP/Laravel and JavaScript, with additional past experience in native and cross-platform mobile development. Comfortable modernizing legacy systems and leading projects end to end.

SKILLS

LANGUAGES / FRAMEWORKS

PHP, Laravel, JavaScript, jQuery, Java, Objective-C, Dart (Flutter), React, React Native

INFRA / TOOLS

Docker, Railway, MySQL, Firebase, PhpStorm, Android Studio, Sublime, FileZilla

EDUCATION

Seneca Polytechnic

Computer Programming Diploma, Computer Science — 2009

EXPERIENCE

JUN 2025 - PRESENT

Interactive Computer Solutions

Fully Remote

SOFTWARE DEVELOPER, PROJECT LEAD

- Lead developer for Flash Reproductions' internal production-tracking platform, overhauling the UI and adding new modules such as Purchase Orders and Packing Slips
- Designed and built a drag-and-drop task scheduler calendar allowing production tasks to be scheduled visually
- Upgraded the platform's Laravel installation from version 5.4 to the current release (v13), modernizing the codebase
- Incorporated AI coding tools (Claude, Codex) into the workflow to accelerate feature development while maintaining code quality
- Led the company's first move into cloud hosting: migrated the application off a cPanel host onto Railway with automated GitHub-triggered deployments
- Set up a managed database service on Railway and configured the application to connect to it via environment variables
- Built a production Dockerfile and a local Docker Compose stack mirroring production services, including a database container and Mailpit for email testing
- Currently rebuilding the front end with React and Inertia.js
- Started a new React Native mobile app (Android & iOS) for local crime statistics and alerts, with a Dockerized local environment mirroring the planned production setup

2019 - 2025

Copywell

Vaughan, Ontario and also Remote

SENIOR FULL STACK DEVELOPER

- Continued development on Sparky, an internal Laravel platform managing quotes, production, inventory, costs, and sales for the printing industry, adding new features and resolving issues
- Built an order-management system for the University Health Network (UHN), allowing staff to request business cards, ID cards, and other administrative resources
- Implemented PDF generation for order summaries and billing documentation on the UHN platform
- Integrated a third-party payment service (eBiz) via a RESTful API to handle secure payments and transaction workflows
- Delivered a second Laravel ordering platform for the Canadian Vaping Association, adapting the UHN template for a different product catalogue
- Balanced ongoing feature work on Sparky alongside development of the two newer client platforms

MID-LEVEL WEB DEVELOPER (FULL STACK) · 2014-2019

- Worked on Sparky, a Laravel project for client Copywell, implementing new features, fixing bugs, and assisting with testing and framework upgrades
 - Pivoted the team's local development from a shared LAMP stack onto Docker, building the container setup and onboarding the rest of the team
 - Built an updated, more advanced version of iOrea for both Android and iOS with a modern UI, letting students view test results, course material, downloadable videos, and their upcoming schedule
 - Developed a Flutter-based mobile app for consumer drone pilots in response to new Canadian drone regulations, allowing users to draw and plan flight operations
 - Built compliance documentation export so users could generate a printable record for regulatory purposes
 - Used Firebase as the backend for the drone flight-planning app
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JUNIOR DEVELOPER · 2011-2014

- Wrote custom jQuery code for Moodle e-learning pages
- Reviewed audio files to verify they matched corresponding book text
- Produced ePub eBooks formatted for iPad
- Took over an Android app for OREA College (iOrea), built in Java, providing basic school and course information
- Took over the iOS version of iOrea, programmed in Objective-C
- Built a native PHP order- and maintenance-job tracking system backed by MySQL for client Airway Maintenance
- Assisted on a WordPress project for Rinaldi Realty, contributing front-end work
- Developed a custom PHP script, run daily via cron job, that pulled listings from the Toronto Regional Real Estate Board's RETS database and performed CRUD updates to keep the client's site current
- Built a macOS utility that launched a CD-installed exam tutoring program and auto-fetched updated local files for it

PROJECTS

Sparky

Laravel-based production management system for the printing industry, tracking quotes, production, inventory, costs, and sales end to end.

UHN Order Management System

Laravel platform for University Health Network staff to order business cards, ID cards, and other resources, with PDF generation and secure payments via the eBiz REST API.

Canadian Vaping Association Catalogue

Laravel catalogue-ordering platform built on the same template as the UHN system.

iOrea (Android & iOS)

Java/Objective-C app giving OREA College students basic school and course information.

iOrea 2.0

Advanced rebuild adding test results, course materials, video downloads, and schedules (completed, not released).

Airway Maintenance Tracker

Native PHP/MySQL system for tracking client orders and maintenance jobs.

Rinaldi Realty RETS Sync

Daily cron-based PHP script pulling listings from TRREB's RETS database and syncing them to the client's WordPress site.

Exam Tutor Auto-Updater

macOS utility that launched a CD-installed exam tutoring app and auto-fetched its file updates.

Drone Flight Planner

Flutter/Firebase app helping drone pilots plan flights and generate compliance paperwork under new Canadian regulations.

Flash Reproductions Production Tracker

Modernized internal Laravel platform with a new UI, drag-and-drop task calendar, and an upgrade from Laravel 5.4 to 13.

Flash Reproductions Cloud Migration

Migrated hosting to Railway with automated GitHub deployments and Docker-based environments mirroring production.

Crime Watch App

React Native app (in development) for viewing local crime statistics and setting area-based alerts.