

KARL GILBERT PASCUAL
Full Stack Developer (Laravel / JavaScript)
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Portfolio: <https://lrakthunder.github.io/KGPascual/>



PROFESSIONAL SUMMARY

Full Stack Developer with 4+ years of experience supporting and building production web applications used in business, medical, and government environments. Strong background in Laravel backend systems, JavaScript-based frontends, relational databases, and real-world production debugging.

Experienced in implementing new features, resolving system errors, optimizing database queries, and maintaining stable live systems. Focused on building reliable software that improves workflow efficiency and solves practical operational problems.

TECH STACK

Backend:
Laravel (PHP), REST APIs

Frontend:
JavaScript (ES6+), TypeScript, Vue, React, Angular, HTML5, CSS3

Database:
MySQL, PostgreSQL

Tools:
Git, Docker, Jenkins, VS Code, XAMPP, SourceTree, pgAdmin, Eclipse

Core Skills:
Production debugging, backend troubleshooting, database query optimization, workflow automation, system documentation

PROFESSIONAL EXPERIENCE

FULL STACK DEVELOPER
R2M IT Solutions, Inc.
August 2023 – January 2026

- Developed and maintained production web application features using Laravel and modern JavaScript frameworks
- Diagnosed and resolved backend, database, and UI-related production bugs affecting real users
- Implemented new system modules, reports, and workflow improvements supporting business operations
- Optimized inefficient SQL queries and corrected backend logic to improve application performance
- Investigated production errors and deployed stable fixes to live systems
- Documented technical workflows, system behavior, and API functionality for ongoing development

RESEARCH AIDE

University of Southern Mindanao – Main Campus
March 2023 – May 2023

- Documented research workflows and structured daily technical activity reports
 - Organized research data and supported technical documentation processes
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MAP DATA PROCESSOR
Philippine Statistics Authority – Cotabato Province
April 2022 – November 2022

- Processed and enhanced provincial geospatial mapping data using QGIS
- Identified and corrected technical inconsistencies affecting mapping accuracy
- Supported statistical mapping workflows used for official government reporting

IT OFFICER
Deseret Ambulatory Referral Center Foundation, Inc. / Deseret Surgimed Hospital
June 2019 – October 2021

- Maintained clinic and hospital computer systems supporting daily medical operations
- Managed Electronic Claims Submission workflows ensuring accurate system processing
- Diagnosed and resolved hardware, software, and network issues in live operational environments
- Prevented system downtime by troubleshooting technical failures during clinic operations

SELECTED PROJECTS

EXPENSE TRACKING SYSTEM (Laravel + Vue)

- Built full-stack expense tracking web application with dashboard analytics and reporting
- Implemented transaction categorization, filtering, and financial summary features
- Designed relational database structure for efficient financial record storage
- Added export functionality for reports and operational review

Tech Stack: Laravel, Vue, JavaScript, MySQL

HOSPITAL APPOINTMENT SYSTEM (Active Development)

- Developed clinic workflow system for managing patient records and appointment scheduling
- Built searchable patient registry with assignment tracking and filtering
- Implemented flexible scheduling with staff assignment and calendar-based tracking
- Added role-based access for receptionists, clinicians, and administrators
- Created exportable reports and printable appointment summaries
- Designed responsive layout optimized for clinic desktop environments

Tech Stack: PHP, TypeScript, MySQL, HTML, CSS

WORK APPLICATION TRACKER

- Developed job application tracking system with authentication and user profiles
- Built searchable listings with filters, sorting, and pagination
- Implemented admin dashboard for managing postings and workflow tracking
- Designed responsive UI with accessibility-focused layout

Tech Stack: JavaScript, TypeScript, MySQL, HTML, CSS

EDUCATION

Bachelor of Science in Computer Science
University of Southern Mindanao
2013 – 2018