

# Karl Murray

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<https://karlm.dev>

## Skills

- **PHP:** Laravel, WordPress (WP)
- **JavaScript (JS):** Vue.js, Livewire / Alpine.js, Inertia.js
- **CSS:** Tailwind, Bootstrap, Vanilla CSS
- **CI / CD:** GitLab, GitHub, Docker, Laravel Forge, Laravel Envoyer, Ploi.io, Amazon Web Services (AWS), DigitalOcean
- **Databases:** MySQL, PostgreSQL, SQLite
- **Operating Systems:** macOS, Linux (Ubuntu, Fedora), Windows

## Experience

- **Software Engineer** @ Canyon GBS - (Apr 2025 - Nov 2025 )
  - Designed and developed internal and client-facing applications using the Filament admin framework within the Laravel ecosystem.
  - Built and maintained AdvisingApp, a full-featured CRM for client advising workflows, including custom data models, dashboards, forms, and user permissions.
  - Developed AidingApp, a Help/Test tool, incorporating UI components, workflow logic, and administrative features to support operational teams.
  - Engineered Olympus, an internal CRM, focusing on scalability, streamlined data management, and improved user experience for internal staff.
  - Integrated APIs, authentication layers, role-based access control, and automated processes across multiple systems.
  - Collaborated with cross-functional teams to gather requirements, refine business logic, and translate needs into functional product features.

- Conducted code reviews, optimized application performance, and implemented best practices for maintainability and security.
- Participated in iterative release cycles, testing features, resolving bugs, and improving product stability.
- Documented technical processes, architecture decisions, and user-facing workflows to support long-term maintainability.
- **Solutions Engineer @ LuminFire (Contract) - (Oct 2024 - Mar 2025 )**
  - Led and managed multiple client projects from discovery through delivery, ensuring technical accuracy, timeline alignment, and client satisfaction.
  - Designed and developed applications using a variety of modern stacks, including VILT (Vue, Inertia, Laravel, Tailwind), Filament, WordPress, and the TALL stack (Tailwind, Alpine.js, Laravel, Livewire).
  - Built custom features, integrations, and user interfaces tailored to client workflows and business needs.
  - Collaborated with clients to gather requirements, define technical scopes, and translate objectives into actionable engineering tasks.
  - Implemented backend logic, database structures, and API integrations across diverse project types.
  - Optimized application performance, accessibility, maintainability, and security across different platforms and architectures.
  - Troubleshoot and resolved complex technical issues spanning frontend, backend, DevOps, and plugin/add-on ecosystems.
  - Coordinated with designers, developers, and project managers to deliver polished, fully integrated solutions.
  - Wrote internal and client-facing documentation, including technical specs, setup instructions, and system workflows.

- **Web Application Developer** @ Fox World Travel - (Mar 2021 - Oct 2024 )
  - Slashed developer onboarding time by 95%, turning "new hire" into "ready to rock" in record time.
  - Revamped our testing suite, slashing testing time from 30 minutes to just 8, allowing us to ship code faster and tackle more tasks each day while boosting our confidence in code quality.
  - Crafted and nurtured multiple full-stack VILT applications using Vue, Inertia.js, Laravel, & Tailwind.
  - Simplified the development process, cutting our development time in half.
  - Launched a CI/CD pipeline that trimmed deployment time by 8 minutes, letting us release code more frequently and safely.
  - Successfully migrated a legacy PHP application from Zend v1 (PHP 5.6) to Laravel 11 (PHP 8.3), boosting our security and reducing support tickets by 75%.
  - Streamlined local development processes, reducing migration time by 87.5%. This enabled the dev team to implement 5% more feature / bug fixes a day, creating a more productive work environment. There was, unfortunately, a corresponding drop in coffee breaks.
- **Full Stack PHP Developer** @ Pearson Education (Contract) - (Jul 2020 - Nov 2020 )
  - Orchestrated the migration of our Math & Science platform from PHP 4 to PHP 7.3, breathing new life into legacy code and boosting performance like a double espresso for our app!
- **Linux System Admin / Developer** @ Tomotech (Contract) - (Feb 2020 - Jul 2020 )
  - Implemented backend logic, database structures, and API integrations across diverse project types

- Built custom features, integrations, and interfaces tailored to client workflows
- Led multiple client projects from discovery through delivery using VILT, Filament, WordPress, and TALL stacks
- **Owner / Developer** @ FWD Motion Studio / Karlm.dev - (Jul 2016 - Current )
  - Managed day-to-day business operations, including client communication, project coordination, billing, invoicing, and financial record-keeping.
  - Designed, developed, and maintained custom software solutions for clients.
  - Built and deployed responsive websites using vanilla PHP, Laravel, WordPress, Vue, and Adobe Muse.
  - Developed backend functionality, database integrations, APIs, and automation workflows as needed.
  - Created branding materials including logos, marketing graphics, and UI/UX assets.
  - Designed cohesive visual identities for web, digital, and print applications.
  - Built, repaired, and upgraded desktop computers, laptops, and custom hardware solutions.
  - Provided general IT troubleshooting, networking setup, system maintenance, and technical consulting.
  - Managed infrastructure projects such as server configuration, data backups, and security improvements.
  - Shot, edited, and produced video content for promotional, training, and commercial use.

- Conducted post-production editing, color correction, audio enhancement, and motion graphics work.
- Scoped technical and creative projects, prepared estimates, and guided clients through the full development lifecycle.
- Delivered comprehensive solutions by combining software development, design, IT, and multimedia expertise.
- **Red Zone Specialist** @ Apple - (Jul 2014 - May 2016 )