

Gregory L Gray

WEB DEVELOPER AND PROGRAMMER

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Objective

Detail-oriented Full Stack Web Developer IV with extensive experience in PHP Laravel, seeking a challenging role to leverage strong back-end and front-end development skills. Passionate about creating scalable web applications, optimizing performance, and delivering user-focused solutions that drive business growth. Eager to join a dynamic team where technical expertise and problem-solving abilities can contribute to innovative software development projects.

Experience

Fullbay LLC | Full Stack Developer, May 2024 - October 2024

- Maintained and optimized legacy PHP codebase, improving performance by consolidating and refactoring redundant code.
- Conducted analysis and contributed to discussions on transitioning legacy code to the Laravel framework, evaluating potential migration strategies and best practices.
- Enhanced user interface by implementing modern design improvements using HTML, CSS, and jQuery, resulting in a more user-friendly and visually appealing experience.
- Debugged and resolved issues in the existing PHP and jQuery code, leading to increased stability and reduced downtime.
- Collaborated with cross-functional teams to understand requirements and deliver solutions that improved the system's performance and user satisfaction.

Spear Education LLC | Full Stack Developer IV, October 2013 - April 2024

Led High-Performing Development Team:

- Directed a team of 5 developers to build advanced JavaScript applications with Vue.js and Laravel APIs, resulting in higher customer engagement compared to native mobile apps and accelerating release cycles by bypassing app store restrictions.

Supported Legacy Systems:

- Maintained and enhanced legacy code in Zend Framework 1, including custom integrations with NetSuite developed by 360 Cloud Solutions, ensuring seamless accounting and customer management processes.
- Improved the stability and functionality of the NetSuite integration, reducing system issues and enhancing the overall user experience.

Championed Brand Consistency:

- Established a unified design system using Storybook, standardizing UI components and visual elements across projects to strengthen brand identity and communication.

Revolutionized User Insights:

- Developed a scalable user event tracking system, similar to Pendo, deployed on AWS EC2, capturing over 10 events per second from client-side JavaScript triggers. This enabled deep insights into user behavior and key performance metrics.

Developed Laravel Microservice Applications for Learning Management System:

- Led the simultaneous development of several Laravel microservices to support a Learning Management System tailored for dental professionals, enabling them to pursue dental excellence and earn continuing education credits.
- Used a wide range of advanced Laravel features including concentrated use of Eloquent, Resource Controllers, Contracts, Caching, Email, Migrations, and PHPUnit, Pest and Playwright Testing
- Architected microservices to handle course management, user authentication, and payment processing, ensuring a modular and scalable system that could accommodate future growth and new features.

- Collaborated closely with product teams to implement features based on dental industry standards, enhancing the platform's value for dental professionals.
- Optimized the performance and security of Laravel services, resulting in faster load times, improved user experience, and reduced operational costs.

Injected Media LLC | Full Stack Developer, December 2012 – August 2013

Led Development of Engineering Design Day System:

- Took charge of the ongoing development and enhancement of the Engineering Design Day system for the University of Arizona, ensuring the platform continuously met evolving needs.
- Worked closely with stakeholders to gather requirements and translate them into clear, actionable development tasks.

Designed and Implemented Robust Solutions:

- Conducted thorough analysis of client requirements to accurately model user needs for various Wordpress based websites and created detailed use cases for an intuitive user experience.
- Developed both front-end and back-end components, facilitating seamless communication through RESTful API endpoints.

Executed Successful Project Deployment:

- Deployed the system in time for the May 2013 Engineering Design Day, enabling students, faculty, and industry partners to collaborate effectively and showcase innovative projects.
- Enhanced the platform's impact by streamlining workflows and improving the visibility of student engineering achievements.

Project Advertising | Junior Full Stack Developer, May 2012 – November 2012

- Developed Custom WordPress Websites and Plugins:
- Created and maintained custom WordPress websites, ensuring a

responsive design and optimal performance across different devices.

- Built tailored plugins to extend WordPress functionality, addressing specific client needs and enhancing user experience.

Engineered Web Applications Using CakePHP:

- Developed robust web applications with CakePHP, implementing MVC architecture to ensure clean, maintainable, and scalable code.
- Optimized application performance and database interactions, resulting in faster load times and improved user satisfaction.

Built Web Scrapers for Data Automation:

- Designed and implemented web scrapers to automate data collection and extraction from various online sources, streamlining business workflows and reducing manual effort.
- Ensured data accuracy and reliability by incorporating error handling and monitoring mechanisms into scraper functionality.

Developed AI-Driven Chatbots with Artificial Intelligence Markup Language (AIML):

- Created intelligent chatbots using AIML to handle automated interactions, provide customer support, and facilitate user engagement.
- Trained chatbots to understand user queries and deliver accurate responses, improving user experience and driving increased interaction.

Education

Bachelor of Science

May 2009

Multimedia Writing & Technical Communication

Arizona State University

Tempe, Arizona

Skills & Abilities

PHP

MySQL

Nuxt

Vue

React

AWS

Laravel

Node

JavaScript

Tailwind

Agile

References

Available upon request