

# VINCENT Z. WHALEY

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## EXECUTIVE SUMMARY

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Senior PHP Engineer with 12+ years of experience building, modernizing, and leading development of enterprise web applications across publishing, government, and healthcare sectors. Specialized in Laravel, Symfony, and WordPress development, legacy system migration, and MySQL database optimization. Proven track record of improving application stability and delivering scalable backend systems that support revenue-generating digital platforms.

## TECHNICAL EXPERTISE

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Backend: PHP (Laravel, Symfony, Zend), WordPress, PHPUnit, REST APIs  
Frontend: Vue.js, React, Next.js, jQuery  
Databases: MySQL, Oracle, MongoDB  
Search & Data: Elasticsearch, Apache SOLR, ETL pipelines  
DevOps & Tools: Git, Linux, CI/CD workflows

## PROFESSIONAL EXPERIENCE

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**HAY HOUSE PUBLISHING, Carlsbad, California**

**2021-Present**

### Full-Stack Application Developer

- Architect and implement Laravel-based features for financial and publishing platforms including Suze Orman applications.
- Lead backend development for WordPress platforms supporting Rebecca Campbell and Colette Baron-Reid.
- Modernize legacy PHP systems and optimize MySQL databases for performance and reliability.
- Collaborate cross-functionally to deliver revenue-driving digital campaigns and subscription features.

**IOSTUDIO, Nashville, Tennessee**

**2019-2021**

### Senior Software Engineer / Development Team Lead

Returned and advanced into technical leadership roles while delivering large-scale web and data systems across enterprise and government projects.

- Led a team of developers, establishing engineering best practices, conducting code reviews, and mentoring junior engineers.
- Architected and delivered custom web applications for U.S. Army National Guard, U.S. Navy, U.S. Chamber of Commerce, Tennessee Department of Education, and Mississippi Emergency Management Agency.
- Spearheaded migration of legacy PHP applications to Laravel and Vue.js, improving scalability and long-term maintainability.

- Led Data Engineering initiatives to migrate reporting infrastructure from Pentaho to standalone R and Python ETL pipelines.
- Directed Agile development processes including sprint planning, estimation, requirements architecture, and stakeholder collaboration.

**Impact:** Increased engineering efficiency, elevated code quality standards, and successfully modernized mission-critical government systems.

**VANDERBILT UNIVERSITY MEDICAL CENTER, Nashville, Tennessee**

**2015-2019**

### **Application Developer**

Developed and maintained research and compliance platforms used by universities worldwide.

- Maintained and enhanced applications including StarBRITE, IRBchoice, ROCKET, and Edge for Scholars using Zend and Symfony frameworks.
- Supported both Oracle and MySQL databases in regulated healthcare environments requiring high data integrity.
- Delivered new features and performance optimizations while maintaining compliance and operational stability.

**Impact:** Supported mission-critical research administration platforms serving multiple institutions globally.

**IOSTUDIO, Nashville, Tennessee**

**2008-2015**

### **Full-Stack Developer**

Architected and supported enterprise-grade web applications across government and nonprofit sectors, delivering secure, scalable solutions that powered workforce development programs and streamlined operational processes for public-facing organizations.

- Created and maintained applications for the United States Army National Guard, United States Chamber of Commerce, State of Tennessee Department of Education, Middle Tennessee Lumber, Lee Company and Second Harvest Food Bank of Middle Tennessee.
- Using Agile Software Development to build requirements and architect applications, I worked on a team of developers who built a suite of products for the U.S. Chamber of Commerce engineered to help American servicemen, servicewomen and their spouses find jobs when returning to civilian life.

**Impact:** Delivered secure, scalable applications for federal, state, nonprofit, and private-sector organizations, supporting workforce development initiatives and mission-critical operations — including platforms designed to assist U.S. servicemembers and their families in successfully transitioning to civilian employment.