

# BRENT EDDS

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## OBJECTIVE

Senior Full-Stack Engineer with 16+ years of professional experience building scalable Laravel applications and a fully developed AI-augmented development workflow. Hands-on with Angular and experienced integrating Claude as both a development tool and LLM layer. I architect; AI builds. My focus is shipping production-quality software with speed and rigor — leveraging modern agentic tooling without sacrificing code review, SOLID principles, or test coverage.

## SKILLS

**Languages & Frameworks:** PHP 8.4+, Laravel 12, Angular, TypeScript, Livewire 4, Alpine.js, TailwindCSS, JavaScript, Python, C#

**Laravel Expertise:** Eloquent ORM, Queues & Jobs, Horizon, Sanctum/Fortify, Service/Repository Patterns, Event Broadcasting, REST API Design

**AI & Agentic Tooling:** Claude (Anthropic), Cursor AI, Claude Code, OpenClaw (persistent agentic shell), Prompt Engineering, LLM Integration, AI-native development workflow

**Data & Infrastructure:** PostgreSQL, MySQL, Redis, REST APIs, Linux/Ubuntu, CI/CD, Docker

**Testing & Quality:** Pest PHP, PHPUnit, TDD, SOLID Principles, Code Review

## EMPLOYMENT HISTORY

### Lead Full-Stack Web Developer

Vivid Impact

Louisville, KY

April 2024 – Present

Architect and develop software solutions for all aspects of custom signage operations, from promotional campaign management to dynamically distributed kit generation based on per-location needs. Lead technical direction across the full stack using the TALL stack (TailwindCSS, Alpine.js, Laravel, Livewire).

### **Key Responsibilities & Achievements:**

- Adopted AI-native development workflow using Claude and Cursor AI as primary coding tools, enabling feature delivery at significantly accelerated pace while maintaining code quality and test coverage.
- Established structured technical documentation practices including Architecture Decision Records (ADRs) and searchable embeddings, providing grounding context for AI-assisted feature architecture and onboarding.
- Currently leading ground-up Laravel 12 rewrite (ppop3) of the core promotions/distribution platform — PostgreSQL, TALL stack, RBAC, background job processing, streaming exports, and full audit trail with 167+ passing Pest tests.
- Lead the planning, design, and implementation of new product features and infrastructure improvements in collaboration with stakeholders and developers.
- Translate client requirements into technical roadmaps, ensuring alignment with long-term product strategy and scalability goals.

- Mentor and support developers through code reviews, architectural discussions, and pair programming, fostering a culture of quality and knowledge sharing.
- Oversee version control, CI/CD pipelines, and production environments to maintain reliability and operational efficiency.
- Evaluate and integrate APIs and third-party services, focusing on performance, security, and maintainability.

### **Senior Specialist Application Engineer**

Waystar

**Louisville, KY**

*Aug 2022 – Jan 2024*

Designed and developed microservices to aggregate, score, and deliver records used in healthcare processing. Deployed AI/ML models to generate propensity-to-pay and time-to-remit scores integrated into production systems.

#### **Key Responsibilities & Achievements:**

- Engineered and optimized scalable C# microservices supporting high-volume healthcare data pipelines.
- Designed and implemented deployment tooling to automate integration of Python-based AI/ML models into production systems — including model lifecycle management, monitoring, and performance tuning.
- Collaborated with data science and DevOps teams to improve model reliability and observability.
- Led sprint planning and backlog refinement to align cross-functional priorities and streamline delivery.

### **Senior Full-Stack Web Developer**

Avante Health Solutions

**Louisville, KY**

*May 2014 – Aug 2022*

Designed, built, and maintained avantehs.com and all subsidiaries. Rewrote legacy systems in modern, scalable frameworks. Responsible for the full Avante web platform: front-end, back-end, database management, security, deployments, and third-party integrations.

#### **Key Responsibilities & Achievements:**

- Developed custom, scalable e-commerce and CMS applications in PHP using the Laravel framework.
- Managed multiple MySQL databases; optimized queries and schema design for performance at scale.
- Developed both incoming and outgoing RESTful API integrations with external platforms.
- Built logging, testing, and monitoring tools to detect and resolve issues proactively before user impact.

## **PERSONAL PROJECTS**

Recent personal work is entirely AI-native, spanning multiple domains:

- ReadyTicket (readyticket.app) — Live Laravel 12 SaaS. LLM-powered ticket generation via Claude API. Stripe billing, full history system.
- ML Arena — Unity tactical shooter training 3v3 AI agents via self-play PPO (ML-Agents + PyTorch). Emergent combat behavior from reward signals alone.
- Roblox game development — Building Roblox games using AI-assisted Luau scripting and a hybrid world-building workflow.

## **EDUCATION HISTORY**

ITT-Technical Institute  
 Associates Degree, System Applications and Programming (3.95 GPA)

**Louisville, KY**  
*2009 – 2011*