

Summary Senior developer with 20+ years of experience. I am always looking to learn and am able to pick up new skills quickly. I have experience at all phases and methodologies of the project lifecycle from the initial planning meetings through to being needed to join a development team on an emergency basis to deliver a quality product. I have worked on projects of all scales and in industries including education, publishing, government, health care and ecommerce.

SKILL SETS

Software

Architecture

- Helped lead the transition between backend CMS systems for a major newspaper that included using AWS EventBridge and Lambda for getting data from their system in to our system, multiple LoopBack API systems for getting data for use on our web properties.
- Architected and lead development of a new advertising stack that lead to a much quicker ad load and improved ad viewability.
- Designed Learning Management System used by 25,000+ students every semester, using Moodle and Canvas with an LTI hookup, and several Laravel services powering student onboarding, VDI scaling, Microsoft Office authentication, and more. All Laravel work done using test driven development.
- Designed a Laravel-based system for end users to find and hire a makeup artist.
- Designed a system which migrated an existing Excel spreadsheet for managing retirement projections into a web application built using .NET Core 2.
- Designed a Laravel-based application used by elementary school students to allow a book publishing company to get their content online.
- Request for proposal/sales support providing thorough estimates, meeting with potential clients, and understanding their needs.

DevOps

- Experience setting up projects using TravisCI to handle automatic PHPUnit test running.
- Create testing and deployment processes.
- Webserver management, architecture, and troubleshooting.
- Designed an API for handling the creation and scaling of hundreds of EC2 instances at AWS.
- Experience integrating multiple payment processors including Stripe and Braintree.

Software

Development

- Adherence to ADA and HIPAA requirements.
- Extensive experience using test driven development to deliver high-quality Laravel projects quickly, and on budget.
- Over a decade of experience writing plugins and customizing themes for WordPress.
- Work closely with project managers to ensure projects are well planned.
- Escalation resource for urgent, complicated, or sensitive technical issues.
- Experience working in both the agile and waterfall methodology.

Languages, Frameworks, and Tools

- Languages: PHP, MySQL, Postgres, Javascript, TypeScript, Node, C#, Ruby
- Frameworks, CMSs: Laravel, Moodle, WordPress
- Tools: Github, Bitbucket, Jira, Confluence, AWS

EMPLOYMENT HISTORY

Principal Engineer, Star Tribune Media, Mar 2020 to present
Managing Developer, BlueEarth Innovation, Jul 2015 to Mar 2020
Salaried Professional, Robert Half, Mar 2014 to Jul 2015
Owner, BuyHTTP, Mar 2003 to Jun 2014