

Alex Bauman

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Summary

Detail-oriented full stack developer with a master's in computer science and 6 years of experience building custom web applications. Likes to take things apart to see how they work. Looking for a challenging position that will build new skills as a developer.

Experience

Hanson Information Systems

Jan 2015 – Present

Lead Web Application Developer

- Engineered back end code and designed front end displays using modern frameworks and best practices
- Utilized content management systems to rapidly develop small websites
- Collaborated with a team on large enterprise applications
- Maintained and deployed code using Git
- Configured and launched websites on shared servers and performed basic server maintenance
- Oversaw project requirement collection, proposal writing, and timeline creation for all projects
- Managed a small team of developers and mentored junior developers
- Provided support and performed bug fixes

Projects

KEB Accounting

2020

Profit/Loss Statement System for the Business Enterprise Program for the Blind

- Designed and implemented custom data entry/accounting software using Laravel 7
- Developed application using test-driven development method with PHPUnit
- Built pages for screen reader technology to accommodate visually impaired users, compliant with ADA regulations and usability standards
- Compiled JavaScript and CSS assets using webpack

Wyoming Prescription Monitoring Program

2019

PMP Interconnect

- Integrated third-party PMP Interconnect functionality to an existing C# project
- Implemented two-step encryption according to the Prescription Monitoring Information Exchange architecture to protect personal health information
- Utilized a RESTful API to enable the application to send and receive prescription data

United Community Bank

2018-2019

Multisite CMS

- Developed a “multisite” system that shares content across multiple branch websites, all managed from a central CMS
- Built a Token system to insert branch specific keywords into shared content based on the URL
- Designed components with Vue.js that integrate into Concrete5's editable blocks

Meal Plan System

- Designed a system to generate structured grocery lists based on stored recipes using Laravel 8
- Integrated with a recipe storage system built on MongoDB
- Utilized Laravel Sail, Docker, and Git for code management and deployment
- Styled pages specifically for mobile devices using Vue 3

Non-Profit Website Redesign

- Volunteered to redesign and modernize the GPA-MN website
- Utilized a third-party public API for available hound sections

Education

Master of Science in Computer Science

Univ. of Illinois Springfield

Bachelor of Science in Computer Science

Univ. of Illinois Springfield

Skills

PHP: Laravel, Concrete5, PHPUnit, PhpStorm

Javascript: Vue.js, node.js, npm, webpack

Object Oriented Programming, Test Driven Development, Git workflow, HTML, CSS, Sass/Less, jQuery, ES6, Linux, Apache, MySQL, VIM, C#, Java