

Brendan Koral

630-946-7208 | brendan@bkoral.io | bkoral.io | github.com/BrendanKoral

Technology Summary

Proficient: REST APIs, PHP, JavaScript, Laravel, MySQL, Digital Ocean (droplets, Redis/MySQL clusters), Amazon Web Services (ECS, S3, RDS), Docker/Vagrant, NodeJS, Express.js, Single Page Applications, Object Oriented Programming (OOP), Functional Programming, BetterUpTime

Familiar: Go, GraphQL, Python3

Experience

SupplyStream, Inc.

Oct. 2021 - July 2023

Back End Developer

- Backend feature development for a Laravel and Laravel Lumen project hosted on Digital Ocean
- Created jobs to automatically synchronize MySQL database and 3rd party eCommerce platform
- Wrote and maintained various custom jobs dispatched to Horizon queues, others handled via crontab
- Wrote vanilla MySQL queries used to monitor data integrity via BetterUpTime
- Wrote MySQL triggers to ensure data integrity on CRUD operations
- Wrote custom Artisan commands to prune images from S3 and the database
- Created custom Docker images and BitBucket pipelines, speeding up tests by 40%
- Wrote custom pipelines to automatically verify and quickly deploy NGINX, HAProxy, and Supervisor config files in all environments
- Utilized Redis pub/sub features to handle communication between two APIs
- Created a custom mail driver in Laravel to handle multiple sending domains in MailGun
- Created a custom Laravel facade to easily dispatch Slack notifications
- Testing handled via PHPUnit, Laravel's built-in tools, as well as a custom test suite using built-in PHP PDO interface for testing MySQL triggers and procedures

Straight North

May 2021 - Oct. 2021

Full Stack Developer

- Develop new features for a proprietary reporting platform, built using Laravel and VueJS
- Build custom website features for clients using WordPress sites on an as-needed basis

- Created jobs to prune outdated assets and other documents from the platform

Adtalem Global Education

May 2019 – May 2021

Full Stack Developer/Programmer Analyst

- Wrote and maintained custom Drupal modules in PHP that fetched and displayed stock data for the company website, as well as third party integrations
- Implement automated testing using PHPUnit, Behat, TestCafe (JavaScript), and New Relic monitor scripts (NodeJS)
- Develop and manage a CLI tool written in NodeJS that checked for broken URLs on each Adtalem site to help catch errors caused by failed database migrations
- Write SCSS to implement front end changes on sites built in Drupal
- Resolve pre- and post-launch accessibility issues on sites to ensure ADA Accessibility Guideline compliance
- Coach and teach junior developers new ES6 JavaScript and PHP language features
- Evaluate and refactor JavaScript code in ReactJS, VueJS, and NodeJS projects

Dealer Inspire

August 2016 – May 2019

Platform Feature Developer - Internal Tooling

January 2019 - May 2019

- Full stack developer on an Agile team focusing on tooling to reduce time spent on internal projects
- Developed a tool written in PHP and ReactJS that allows SEO Specialists to update SEO meta information on multiple pages at a time, reducing time spent on each site from 3 hours to about 30 min, an 84% savings

Developer - Major Accounts/VIP Team

January 2018 - May 2019

- Full stack developer for high profile clients, including Fletcher Jones, Ken Garff Auto Group, and Penske Auto group
- Developed Armada, a WordPress plugin designed to centralize and stabilize code for group sites, which reduced deploy time by 92% and issue-related support tickets by 68%
- Developed Polaris, an internal application powered by Docker, VueJS, NodeJS, Express, and secured with Auth0 that interacts with Armada, allowing Performance Managers to retrieve information about each site in their respective group

- Co-founded and taught at CodeU, a weekly introductory class to HTML, CSS, and JavaScript

Front End Developer

August 2016 - January 2018

- Completed custom requests for client websites, including new features and optimizations
- Handled internal and external requests as well as direct communication with clients
- Bug fixing as necessary

Software Developer, AT&T

May 2016 – August 2016

- As part of an Agile team, developed new workflows to aid customer service representatives in properly diagnosing and solving customer problems in more efficient manners
- Implemented custom styling on the front end of the SASHA tool using HTML, CSS and jQuery
- Using direct feedback from the customer service team, resolved incorrect workflow logic written in JUEL as well as debug HTML, CSS and JavaScript code
- Utilized MySQL databases to efficiently add, remove and modify support ticket data
- Assisted in quality assurance and release testing, allowing the team to include additional fixes during software release

Front End Web Developer, Synergy Marketing Partners

January 2016 – March 2016

- Immediately took responsibility for building, launching and maintaining more than fifty landing pages for clients whose accounts include GMC and Chevrolet using Twitter Bootstrap 3, Twig, MySQL, and PHP
- Reported to CEO on regular basis regarding status of landing pages, as these were directly tied to a significant portion of the company's revenue
- Established immediate relationships with clients; using their direct feedback, customized Bootstrap and Twig templates to meet their vision through flexible and timely adjustments
- Using MySQL, performed immediate and on-demand maintenance of daily nationwide vehicle purchase incentives
- Crafted information bars on Chevrolet Local Market Association vehicle pages using custom HTML and Bootstrap classes, allowing consumers to quickly find and compare vehicle details; made minor text translations to Spanish
- Using MySQL, created portals to streamline attendee registration for nationwide auto shows, including the Chicago Auto Show
- Generated bar codes for auto show tickets based on Local Market Association request using MySQL

Freelance Web Designer, One Body Fitness

June 2015 - Present

- Maintain website by updating pages with new content, services and equipment using HTML and CSS
- Significantly improved website flow by removing and adjusting legacy code
- Updated pages using CSS for better mobile compatibility
- WordPress customization to help website elements mesh more cleanly
- Ongoing discussion with the owner to plan a full website redesign with a focus on mobile compatibility utilizing Twitter Bootstrap 3

Junior Web Developer, KLS Edition/Ocean Tomo LLC

June 2014 – January 2016

- Working directly with the Chief Technology Officer, delivered revision of company website two weeks ahead of schedule. Assisted with page creation, fixing of broken URLs, modifying CSS, and correcting general formatting errors.
- Took initiative to streamline method of updating author information on blogposts by learning to use Ruby, thereby eliminating the need for manual maintenance of entries.
- Maintain company website by frequently updating content, fixing broken/misdirecting links, fixing inconsistent formatting styles caused by legacy HTML, and creating additional pages as necessary
- Ghost write blog posts and web content on a wide scope of topics including 3D printing, semiconductors, pharmacology, optical technology, cloud computing and wireless infrastructure

Projects

3D Print Warehouse

- Created a website for people to upload and discover new 3D print models
- Site is built using Laravel 8, Breeze, Tailwind CSS, AWS S3, Postmark, and is hosted via Forge

Null World Productions

- Handle front end work mostly in JavaScript and SCSS - ReactJS, GatsbyJS, Styled Components
- Manage infrastructure - Hashicorp products (Vault, Terraform, Nomad), AWS S3, AWS ECS, Route53

Education

Marquette University, Milwaukee, WI

Bachelor of Science Degree in Public Relations, minor in Psychology