

In the interest of client/employer confidentiality and non-disclosure agreements with prior freelance clients, much of my professional work cannot be made publicly-accessible via my website, nor can I post code to a public GitHub repository.

Please see below for a sampling of my recent professional work, as well as links to private GitHub repos provided via GitFront.io. Please note that linked code examples only contain relevant files that I worked on, rather than the entire codebase. As such, they will likely not run on a standalone basis.

PROFESSIONAL PORTFOLIO - NATIONAL UNIVERSITY

SMS Integration with RFI forms

Worked with university enrollment & marketing teams to implement an automated series of SMS text message follow-ups for certain 'request-for-information' forms on our site. This feature is conditionally-enabled, and only happens if the prospective student indicates interest in either a business- or psychology-related degree program within the form. SMS #1 is sent to the prospective student immediately upon form submission, and SMS #2 is then sent approximately 30 minutes later and contains a link to schedule an appointment with an enrollment advisor. Additionally, I adjusted existing data integrations with numerous third-party platforms used by our enrollment & marketing teams, to automatically flag SMS-enabled form entries as such.

This feature was built as a standalone WordPress plugin, and has a couple major moving parts: It involves heavy integration with Gravity Forms (our existing RFI forms have a high degree of customizations/modifications built on top of Gravity Forms); usage of a third-party API to send automated text messages; custom database entries and the WP-Cron Job API to schedule and send the delayed SMS #2; creation of a custom settings page within wp-admin; and various hooks & filters to conditionally-modify data that integrates with various external data platforms.

This project is still an on-going work-in-progress. Code example represents our initial launch which is currently live.

 [Code Example](#)

Custom Metabox Database Converter

In an effort to migrate multiple WordPress sites from a legacy 'custom field' plugin to a more modern solution, I developed a custom 'migration' plugin to ensure no existing data or content would be lost in the transition. Plugin scans the WordPress database for legacy custom fields, converts the data into a structure that's compatible with the new custom field solution, and then deletes the legacy data. Plugin was built to be easily-extendable & reusable across all sites (more than a dozen) that we manage.

 [Code Example](#)

WordPress Multisite Management Plugin

For an existing WordPress multisite installation, created a network-level plugin to centralize certain data & functions that were previously replicated across all network sites. Plugin allows a non-technical site admin to easily manage & customize various third-party integrations (such as Google Tag Manager) on a site-by-site basis.

 [Code Example](#)

PROFESSIONAL PORTFOLIO – CONTRACT WORK

WordPress Dynamic Post Filter & Search via Custom REST API

For multiple existing WordPress sites with hundreds of pre-existing posts stored across numerous custom post types and with numerous custom meta fields & taxonomies, I built out functionality to allow site visitors to dynamically search & filter results across multiple parameters. I accomplished this by building out a series of custom REST API endpoints on the WordPress backend, and then implementing an AJAX-based filter on the front-end. Solution was built to scale, with the ability to handle multiple different post types, meta fields, as well as account for future client additions. I am currently in talks with one of my agency clients about the process of converting this solution to a standalone WordPress plugin for them.

 [Live Example #1](#)  [Live Example #2](#)  [Live Example #3](#)

 [Code Example](#)

Toyota Career Expo – Applicant Progress Tracker

For Toyota's 2021 "Drive to Employment" career expo microsite, I built out a basic progress-tracking system for registered users. The broader site was pre-existing and built in WordPress, utilizing a third-party "user-registration/membership" plugin. I built in extra functionality on top of this, to track and save user progress as they advance through various sections of the site. Additionally I also added functionality to allow registered users to 'bookmark' pages, posts, and videos to their profile page for later viewing.

 [Live Site](#)

 [Code Example](#)

Digital Advertisement Scraper App

Assisted in building a full-stack JavaScript app that takes a user-entered URL and scrapes that site for certain advertising-related content. For each result found within the scraped site, various metadata about the advertisement is saved, along with a screenshot and a timestamp. Results are saved to a database which can then be viewed, edited, or deleted by the admin user. Uses Strapi.io and Node.js on the back-end, SQLite as the database, and React.js on the front-end.

 [Code Example](#)

ErosSTX

Took an existing WordPress site which had been previously built by another developer with the Divi page builder and converted it to a custom-built solution, while still maintaining the exact same look-and-feel of the site. Due to the media-intensive nature of the site, this conversion resulted in a significantly improved page speed and performance of the site.

 [Live Site](#)

PROFESSIONAL PORTFOLIO – CONTRACT WORK (cont.)

Sultre

Built out a brand-new e-commerce site for an upscale brick-and-mortar boutique fashion retailer. Site was built upon the BigCommerce back-end platform and included numerous integrations with third-party services, including inventory management systems and the store's physical point-of-sale system. Site is currently generating over \$1,000 in average daily sales.

 [Live Site](#) (note: *potentially* NSFW – women's fashion retailer that sometimes features swimsuit models)

Various Custom WordPress Builds

Have completed numerous custom WordPress builds for various agency clients. All sites feature custom-built themes (usually based on either [Underscores](#) + Bootstrap.css, or an internal agency boilerplate theme) based on high-fidelity mockup designs, with a general goal of avoiding third-party plugin bloat. Most sites make heavy use of ACF and Custom Post Types, and are designed to allow a non-technical end-client to manage the site content on an ongoing basis. Please see below for a sampling:

- [M4BL.org](#)
- [TheRisingMajority.com](#)
- [BrightideasFL.com](#)
- [RootandRebound.org](#)
- [Proesolar.com](#)
- [CareerSourceCentralFlorida.com](#)
- [DSRHospitalityExperts.com](#)
- [LarrysGutters.com](#)
- [DefundPolice.org](#)
- [DiscoverGuruNanak.com](#)
- [OurCourtsOurFight.com](#)