

Donovan Palmer

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Objective

Seeking opportunities to evolve as a web developer and grow into an architect. I am particularly interested in working with React and Shopify. I have been building web applications for more than 10 years with two different companies. I worked as a student at ASU, including on staff while I was a student and worked there for several years after graduating. I have been with Universal Music Group since 2014.

Experience

Senior Web Developer – Universal Music Group, started at Interscope Records

08/14-Present

Primary duties included React, Gatsby, Shopify & Drupal 8 back end development, module development, dev ops, and maintenance of existing sites & apps.

- Lead Developer for a new Shopify Online Store 2.0 Theme for UMG. This project is ongoing but the goal is to build a scalable, reusable theme for all UMG Artist Stores that allow store operators to build & design stores rapidly. The Theme is based on the new Dawn theme but uses Tailwind CSS rather than custom CSS.
- Lead Developer for UMG's Investor Relations Site - <https://investors.universalmusic.com>. This is a Gatsby site built with a Contentful backend allowing content editors to manage their investor relations content & financial reports. It uses Tailwind CSS to make the site look beautiful with minimal custom CSS.
- Developer for Rolling Stone's Carnaby Street Store - <https://carnaby.therollingstonesshop.com>. This is a Gatsby site built with a Shopify backend & Tailwind CSS. This also included a Storybook component library of generic, re-usable React & Tailwind CSS components.
- Developed a Drupal 8 application called Content Hub that's essentially a database of all our marketing content that is exposed through Drupal's JSON API to be used by artist sites and other web applications. It creates Brands from an internal system and then upon importing of those brands, third party migrations (YouTube, Bands in Town, Spotify, Twitter, etc) are dynamically generated for each brand. This was based on the original migration scripts I wrote for our Drupal 7 Artist Site Factory platform. (See Below)
- Developed a Redemption Code module that allows users to redeem digital entitlements in Drupal 8.
- Developed a uStudio Module for Drupal 8 that lets content editors upload Videos directly to uStudio and select which HTML 5 Player they would like to use on the frontend of the Drupal site.
- Built a Drupal 8 Application that provisions AWS infrastructure (RDS, ECS, ALB & EC) through Cloudformation Templates and then lets users create Magento Instances on those pods of infrastructure.
- Lead Developer on a new Drupal 7 platform called Artist Site Factory geared towards building amazing artist websites at a high velocity. Continue to this day maintaining and supporting Artist Site Factory which powers over 450+ sites. Examples of sites built with this platform that are currently live: <https://taylorswift.com>, <https://www.selenagomez.com>, <https://theweeknd.com>, <https://arianagrande.com>, <https://eminem.com>, <http://kendricklamar.com>, <http://postmalone.com>, <https://interscope.com>, <http://www.republicrecords.com/> and hundreds more.
- Developed Drupal Migration scripts to aggregate third party data from Spotify, Instagram, Youtube, Twitter, and a variety of concert data sources (bands in town, live nation, seetickets, songkick).

- Developed a PHP library for Salesforce Marketing Cloud (formerly Exact Target) and a corresponding Drupal 7 module used on artist sites.
- Made a variety of enhancements to our Drupal Commerce implementation including an improved commerce checkout flow and more local storage utilization for shopping carts to reduce the load on our servers. Also implemented recurring billing payments for digital fanclub memberships and Split Shipments to let a customer choose to group line items together or ship them separately.

System's Analyst – ASU UTO

04/12-08/14

Primary duties included front-end development, Apache Solr Search integration, Drupal module development, design & implementation of web applications and maintenance of existing sites & applications.

- Lead Developer in the Professional Learning Library application (pll.asu.edu). This is an Open Atrium site that was the successor to the Learning Resource Manager I built in previous versions of Drupal. Apache Solr is used for the search the back end.
- Lead Developer of the Integrated Search System for ASU. Integrated Search brings all of ASU search together in one place. People, Departments, Websites and more. It is built on Drupal (w/ Search API Solr + Sarnia) with data on an Oracle backend thru Apache Solr.

System's Analyst Associate – ASU UTO

05/10-04/12

Primary duties included front end development, Drupal back end development, design & implementation of web applications, and maintaining existing sites & apps.

- Played a critical role in Freethrows version 2. I configured & implemented the Drupal backend. I built the web services used to send data from the flash game back to Drupal as well as the database structure to store the data. I also built the Problem Type administration functionality allowing educators to define their own math problems. I also helped design the leveling up system based on the Fibonacci sequence.
- Implemented new features & improved functionality into the Learning Resource Manager. Built a bookmark folder & tagging system. This allowed educators to search for resources and save them for later. They could organize them into private folders and public community tags. This allowed them to have personal collections as well as share resources with the community.
- Implemented Activation Codes into the ELT Cambridge University Project. Including code importing and management.

Technology Support Analyst – ASU UTO

01/10-05/10

Half time classified staff position while finishing the last semester of my degree. Finished deploying the new Learning Resource manager into production. Also provided bug fixes for various Drupal sites & Freethrows.

Student Worker IV – ASU UTO

05/08-01/10

Learned the basics of Drupal, Unix system administration and jQuery. Built & maintained basic sites for organizations and staff within ASU. Built & Implemented the initial version of Freethrows computer math game into a Drupal environment to be used at Dobson Academy. Began learning Apache Solr & development of the new Learning Resource Manager.

Student Worker III – ASU UTO

10/06-05/08

Customer service oriented position. Assisted teachers, faculty, and students with large format poster printing, video editing, music editing, website creation/maintenance & general technical support.

Education

Bachelor's Degree in Computer Information Systems

May 2010

WP Carey School of Business at Arizona State University

Studied variety of business topics such as accounting, finance, economics, supply chain management & most importantly how to utilize information technology to improve business. I also took a variety of computer science classes for my electives. Built a variety of applications for projects in Java & C#.

Development Skills

React, GraphQL, Gatsby, Shopify, Contentful, Tailwind CSS, Next.js, Storybook, Drupal (6, 7 & 8), AWS (Cloudformation, Lambda, S3), Docker, Javascript, Typescript, Python, PHP, C#, SQL, Apache Solr, Google Analytics & Tag Manager, Git & SVN.