Jean-Mark Wright

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languages

English (primary)

Spanish (basic)

programming

Python (Django, Celery)

php PHP (Wordpress, Drupal, Symfony)

PostgreSQL, MySQL, Redis, Mongo

Front-end (Angular JS, Knockout, jQuery, Bootstrap)

Android

Bash scripting

skills

Software Architect, DevOps Engineer, Full Stack Developer

experience

AUG 2016 - NOW   Interactive Toucan Jamaica Limited

GK Rewards - developed calculator tool to illustrate how Grace Kennedy's Value Rewards programme works.
Raphael JS, jQuery **php** Wordpress

GK Birthright - updated PHP application to use Bootstrap.
php Code Igniter

Caribbean Vulnerable Communities - performed code review and training for application that stores incident reports on vulnerable groups in the Caribbean.
php Code Igniter

2007 - AUG 2016   Mona GeoInformatics Institute

GKGonline.com - developed online Insurance portal for getting quotes and purchasing Insurance.
Celery, Tastypie, Django PostGIS, PostgreSQL, Redis Bootstrap, jQuery

Cleanser - used legacy Java library to clean Jamaican addresses using Celery queues.
Celery, Django Rest Framework Redis, PostgreSQL Bootstrap, jQuery

University Estate Management - extended GeoNode platform to allow visualisation of infrastructure above and below ground.
GeoDjango, Django PostgreSQL ExtJS, Google Maps, Bootstrap, jQuery

Situational Awareness Tool - built dynamic form-based framework for the recording and visualization of Incident data.
Django PostgreSQL ChartJS, Bootstrap, jQuery

Real Estate Map - extended Ace framework to allow visualization and analysis of rent and sale prices by community.
Django PostgreSQL Google Maps, Bootstrap, jQuery, Google Maps

Ace - built web map framework for creating interactive with shapefiles.
GeoDjango, Django PostGIS, PostgreSQL Google Maps, Bootstrap, jQuery

Aggregator - built web crawler to search local dealer websites for car prices.
Pattern, NLTK, Django ElasticSearch, PostgreSQL AngularJS, Bootstrap

GK Android App - built app to allow customers to view policies, submit claims,

accident photos and search for emergency locations.

📱 Android 🐍 GeoDjango, Django 🗄 PostgreSQL

NEPA Climate Change Tool - developed GIS solution to determine feasibility for proposed housing developments (setback line, coastal resource protection).

🐍 ArcGIS, GeoDjango, Django 🗄 PostGIS, PostgreSQL

Vehicle Concierge System - developed fleet tracking system that providing insights from several GIS datasets.

🐍 Celery, Django 🗄 Redis, MongoDB, PostGIS, PostgreSQL 🌐 NodeJS, DustJS, Socket.IO

CARISKA - extended Geonode platform with map previews, feeds and Disqus integration.

🐍 Django 🗄 PostgreSQL

Integrated Crime and Violence Integration System - created solution to record crime incidents and allow creation of reports and charts.

🌐 Fusion Charts *php* Symfony 🗄 Memcache, Zend Lucene, PostgreSQL

GasLo - developed Blackberry application to show lowest gas prices based on user proximity.

📱 Blackberry 🐍 Django 🗄 PostgreSQL

Cabinet Web Map - developed web map to show spatial data collected for the Government from public sector and private sector organizations.

🌐 ArcGIS REST API

iCampus - Used the OpenZoom create decorative interactive map of the University Campus of the West Indies.

🌐 Flash, Actionscript *php* PHP

JSIF Hazard Map - developed web map to show hazards datasets for JS API and GeoServer map server.

🌐 OpenLayers *php* PHP

EFJ Website - created Drupal website for Environmental Foundation of Jamaica.

php Drupal 🗄 MySQL

education

2011 - 2013   MSc in Computer Science (Distinction), University of the West Indies

2004 - 2007   BSc in Computer Science, University of the West Indies

side projects

Branches - a solution to help Software Testers reset servers and change Git branches.

🐍 Celery, Django 🗄 PostgreSQL 🌐 Bootstrap, jQuery

What You Spend - a web-based app to track spending and budgets.
🐍 Celery, Django 🗄 PostgreSQL 🌐 ChartJS, Bootstrap, jQuery

Wright Produce - an online store for selling of local produce.
🐍 Celery, Django 🗄 PostgreSQL 🌐 jQuery, Bootstrap

online

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Github: codedbyjay

Twitter: kramnaej

Pinterest: jaywhy13

StackOverflow: jaywhy13

LinkedIn: https://jm.linkedin.com/in/jean-mark-wright-59858770

Blog: http://perspectiveunspoken.com/

interests

professional AI, Machine Learning and Big Data. **personal** music (keyboard, guitar, choirs), writing, speaking.