

Jean-Mark Wright


Software Architect, DevOps Engineer, Full Stack Developer

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skills

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).

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

 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

 Skype: jaywhy13

 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.