

Jean-Mark Wright


Software Architect, DevOps Engineer, Full Stack Developer


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languages


English (primary)

Spanish (basic)

programming

 Python
(Django, Celery)


php PHP
(Wordpress,
Drupal,
Symfony)


PostgreSQL,
MySQL, Redis,
Mongo

 HTML
(Bootstrap)

JS Javascript
(AngularJS,
Knockout,
jQuery, Google
Maps)

 Android

 Bash
scripting

experience

 AUG 2016 - NOW Senior Web Developer, Interactive Toucan Jamaica Limited

GK Rewards - developed calculator tool to illustrate how Grace Kennedy's Value Rewards programme works.

JS 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 Lead GIS Programmer, Mona Geoinformatics Institute



GKGonline.com - developed online Insurance portal for getting quotes and purchasing Insurance.

 Celery, Tastypie, Fabric, Django  PostGIS, PostgreSQL, Redis **JS** jQuery
 Bootstrap

Cleanser - used legacy Java library to clean Jamaican addresses using Celery queues.

 Celery, Django Rest Framework  Redis, PostgreSQL **JS** jQuery 
Bootstrap

University Estate Management - extended GeoNode platform to allow visualisation of infrastructure above and below ground.

 GeoDjango, Django  PostgreSQL **JS** ExtJS, Google Maps, jQuery 
Bootstrap




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.

 Tastypie, Django  PostgreSQL **JS** Google Maps, jQuery, Google Maps
 Bootstrap

Ace - built web map framework for creating interactive with shapefiles.

 GeoDjango, Django  PostGIS, PostgreSQL **JS** Google Maps, jQuery 
Bootstrap

Aggregator - built web crawler to search local dealer websites for car prices.

 Pattern, NLTK, Django  Elasticsearch, PostgreSQL **JS** 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 🟡 JS 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.

🟡 JS Fusion Charts, jQuery **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.

php PHP

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

🟡 JS 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, Channels, Fabric  PostgreSQL, Redis  Bootstrap  JS
jQuery, Socket.IO


What You Spend - a web-based app to track spending and budgets.


 Celery, Django  PostgreSQL  Bootstrap  JS ChartJS, jQuery


Wright Produce - an online store for selling of local produce.

 Celery, Django  PostgreSQL  Bootstrap  JS jQuery


online

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 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.