

# Jean-Mark Wright

Software Architect, DevOps Engineer, Full Stack Developer

## contact


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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

## 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

 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.