

# MICHAEL PAWLOWSKY

Senior Architect  
and Developer

**Address**

3915 Millpond Ct,  
Palm Harbor, FL  
34684

**Phone**

+1 386.588.9476

**E-mail**

[mikepmtl@me.com](mailto:mikepmtl@me.com)

**Web**

[aboutmikep.com](http://aboutmikep.com)

## TECHNICAL SKILLS

- PHP, Java, Objective C
- MySQL/MariaDB, MongoDB, Druid.io
- ElasticSearch, Sphinx
- Redis, Memcache, Aerospike
- HTML5, CSS, Less, Sass
- JavaScript, JQuery, Kendo UI
- MVC Frameworks
- Bash, Awk, Sed, Python, Perl
- Agile Method, Scrum Leader
- AWS Infrastructure and Applications
- Puppet, Nagios
- Linux System/Network Administration
- System/Network Security
- Graphic/Office Applications

## ABOUT ME

Hands on project leader, architect, mentor and developer. Very self-motivated, experienced developer with a proven record for coding, launching and maintaining high traffic scalable web and mobile applications.

Possesses an in-depth understanding of emerging technologies with a passion for continuing education and hands on evaluation of the latest advances in the industry.

Extensive experience in Linux, Apache/Nginx, MySQL, MongoDB, PHP and Java development using modern development workflows.

Lead architect and senior developer for several highly scalable multi-million dollar web and mobile projects.

## Latest Projects

<http://beachfront.com/>

Video Advertising platform processing billions of requests daily.

<http://beachfrontreach.com/>

Video distribution platform for the delivery and monetization of video content.

<http://www.mycourtcalendar.com/>

Web Application to allow Officers of the Court to schedule Law Enforcement officers to appear as witnesses in court.

<http://www.sdhc.k12.fl.us/>

Converting old web sites containing over 10,000 flat documents to use a custom, searchable content management system for the Hillsborough County Public Schools.

## PROFESSIONAL EXPERIENCE

VP Engineering | (2015 – present)

### Beachfront Media

Delivering video content and ads to mobile, desktop and OTT devices. Processing, reducing and reporting on over 20B events daily.

- Single handedly converted existing frontend PHP code over a one-week period to integrate a modern PHP MVC Framework and then introducing the benefits to the dev team.
- Implemented usage of Composer and Bower for dependency management.
- Introduced Agile Methodology, Scrum and Sprints to project manager.
- Introduced modern IDEs to dev teams using proper debugging tools and procedure.
- Moved existing JS to use unified Kendo UI JS Framework and taught usage of framework to dev team.
- Implemented usage of Unit Testing and Continuous Integration (Jenkins).
- Scaled out AWS infrastructure to handle billions of requests daily
- Took on Java developer role when unable to acquire local talent.
- Key leader/architect as well as contributor to all projects (PHP, iOS, Android, Java, BrightScript)
- Created deployment tools to facilitate application deployment, history logs and allows easy and immediate rollbacks by any authenticated manager.
- Encouraged continuing education with developers with lunchtime presentations, rewards for highest grades in online classes etc.
- Architected Machine Learning Application using Kafka, Spark, and ElasticSearch to predict highest revenue ads.
- Created Ad Targeting data store introducing Aerospike, and custom Java ELT process and Airflow.
- Standardized server configurations using Puppet.
- Created local development environments using Vagrant to allow developers more insight to the complete solution and facilitate debugging of applications.
- Setup infrastructure monitoring using Nagios including writing custom plugins.

Senior Web Developer | (2013 – 2015)

### Florida Tech Pros

Web development and consulting for B2B projects.

- Created custom PHP CMS using PHP MVC Framework to migrate over 10,000 static documents to CMS with searchable content for the Hillsborough County School Board. Taught current school board employees usage of modern development tools and flows.
- Coded PHP application using MVC Framework to allow court officers to be scheduled as witnesses for court dates with reminders being sent out through SMS, email or site notifications.
- Created school website in PHP with admin area for publishing lunch menus, student activities, school news as well as a secured system to allow parent to view video feeds of their children in class.
- Created multilingual online retail and marketing website for a skin care line with advanced parallax effects custom coded in JavaScript. Site was mirrored in USA and China.

## IT Director | (2010 – 2011)

### Yellow Pages Group

Managed the integrations of RedFlagDeals.com and YP.com data after the acquisition of RedFlagDeals by Yellow Pages.

- Developed SSO solution between RedFlagDeals and YP.com users.
- Integrated YP.com business data into RedFlagDeals using RESTful APIs (business hours, business descriptions etc.)
- Integrated RedFlagDeals coupons and other marketing data into YP.com using RESTful APIs.

## VP Technology | (2005 – 2010)

### Clear Sky Media

Lead Architect and developer for Canada's largest deal site RedFlagDeals.com. Ranked in the top 100 traffic sites for Canada by Alexa. LAMP, Sphinx, Memcache, AWS, Perl, C++.

- Single handedly created PriceCanada.com. A price comparison website importing and scraping hundreds of retailer data daily.
- Migrated RedFlagDeals.com from ExpressionEngine to custom PHP MVC framework to remedy constant scaling issues.
- Migrated bare metal infrastructure to an elastic cloud solution using RightScale over AWS to allow for instant scaling from 100 instances to over 1000 instances to handle holiday traffic.
- Created DailyDeals, a GroupOn type product for Canada.

## VP Technology | (2000 – 2005)

### Conceptis Technologies

Conceptis is the leader in the creation of on-line medical communities as well as medical education through the Internet, specializing in the field of cardiology. I am responsible for all aspects of technology from the network, servers, databases and security, including participating in the design and implementation of our products. We work in a SUN/NT environment. I supervise a staff of 15.

- Migrated first version of TheHeart.Org from Lotus Notes to Oracle and PL/SQL-C.
- Migrated TheHeart.org to Java.
- Created our Clinical Trial Central project, a PHP based on-line clinical trial management tool.

## EDUCATION AND TRAINING

McGill University - Computer Science | (1995-1996)

Dawson College – Creative Arts / Professional Photography | (1988-1991)

MongoDB Developer | (2015)

Aerospike Developer and Administration | 2016