

Gary@kaganmail.com

# Gary Kagan

Software Engineer

507 11th Ave  
Rear 1  
Belmar, NJ 07719

## OBJECTIVE

Create mobile software that has a positive impact in the lives of people around the world.

## TECHNICAL SKILLS

**Languages** Objective-c, Swift, C, Ruby, PHP, JSON, XML, CSS, SCSS, JavaScript, CoffeeScript, Bash, SQL

### Frameworks

Cocoa Touch, Ruby on Rails, Bootstrap

### Platforms

iOS, watchOS, Linux

### Source Control

Git, Mercurial, Subversion

### Tools

Vim, Xcode, Sublime, Vagrant, Ansible, Capistrano, Puppet

## EXPERIENCE

### Senior Software Engineer

Hybrid Healthcare Communications  
Red Bank, NJ

August 2014 - Present

Developed mobile and web applications for external clients in the pharmaceutical industry. Worked on implementing automated server deployment, provisioning and backup systems for external and internal projects. Setup and maintained internal development tools.

#### Projects

- Fortified Home (iPad)
- All other projects were proprietary and confidential but included use of the following technologies
  - iOS Applications
  - JSON APIs developed in Ruby on Rails
  - Web application developed in Ruby on Rails, CoffeeScript, SCSS
  - Migrated an existing Puppet provisioning and capistrano deployment stack to Ansible
  - Git source control

### Software Engineer

CyanLine LLC  
Eatontown, NJ

January 2013 - August 2014

Developed embedded and live bootable linux systems, developed update and patch delivery system, performed penetration and vulnerability testing, performed forensic hard drive analysis which was later used as evidence in court, provided customer support to government and civilian users.

#### Projects

- FDAS - Fast Disk Acquisition System (<http://cyanline.com/fdas.php>)
  - Embedded Linux system Written in C, Bash, Javascript, HTML CSS
  - Responsible for maintaining existing code, developing new features and planning the future of FDAS
  - Used by government agencies and corporations around the world
- MiniDAS - Mini Disk Acquisition System (<http://cyanline.com/minidas.php>)

- Responsible for initial conception, maintaining, developing new features and deployment
- Live bootable Linux system based on Kali Linux, Written in C, Bash, Javascript, HTML, CSS
- AP-Finder - Access Point Finder (<http://cyanline.com/apfinder.php>)
- Open source contributions (<https://github.com/cyanline>)

**Project Manager** Kane Brewery Management System September 2013 - May 2014  
Ocean, NJ

Gathered requirements, designed and developed a brewery management system for Kane Brewing Company. The Kane brewery management system was used on a daily basis to track brewery operations and prepare taxes.

- Written in Ruby on Rails, CoffeeScript and SCSS
- Managed a team of developers in person and remote

**Co-Founder** TB Software LLC September 2013 - Present  
Belmar, NJ

Co-Founded a software consulting company specializing in mobile and web development. Responsible for managing a distributed team of developers.

#### Projects

- Porsche 356 Registry (Ruby on Rails, HTML5, SCSS, CoffeeScript, PHP)
  - Single sign on between the rails application and the existing phpBB forum
  - Responsible for managing development team, interacting with the client and design

**Software Prototype Developer** Rapid Response Institute September 2010 - May 2014  
West Long Branch, NJ

Gathered requirements, designed and developed software prototypes under government contracts.

#### Projects

- E-Resource - RFID geolocation software (iPad, Web)
  - Used to track emergency shelter personnel
  - Developed in Objective-C, PHP and MySQL
- Shelter Management Application (iOS, Android, Web)
  - Enable state level emergency operations officials to effectively guide the general population to appropriate shelters.
- XAPP (iOS)
  - Dynamic XML form editor
  - used to send and receive messages using the CAP message protocol
- DataShark HLA Adapter (Java OSGI Plugin)
  - HLA adapter to interact with and inspect the state of the Aegis weapons system simulator
  - Developed under contract with Lockheed Martin

**Mobile Software Developer**

Studio Symposium  
Point Pleasant, NJ

April 2011 - December 2011

Gathered requirements, designed and developed mobile software for clients. Helped develop Studio Symposiums software development process including internal documents and coding practices.

**Projects**

- Lucent Lockscreen (Android)
- Happy Day Coloring Book (iPad)
- Happy Day Bible Stories (iPad)
- 365 Devotions (iPhone)

**EDUCATION**

Monmouth University, West Long Branch, NJ  
Bachelor of Science, Software Engineering

**INTERESTS**

- Football
  - NCAA Division 1 Football Player, Monmouth University
  - High school team captain
- Hobby Electronics
  - Web Accessible temperature control system for homebrewing beer
  - RFID door entry system
- Hiking and Camping
- Cooking
  - Examine and implement new ingredients and cooking techniques
  - Explore where technology can push the culinary arts further than its been before

**HONORS AND AWARDS**

- 2013 Jersey Shore Comeback-A-Thon Winner
  - A 24 hour hackathon to support the area with the recovery of hurricane Sandy
  - Developed a system for submitting and requesting information about local businesses
  - Web, iOS and SMS interface
- 2010 All Treasure Coast football team selection