

BEN RIGAS

SOFTWARE ENGINEER

Creative & self-motivated with an eye for design and a minimalist sensibility

EDUCATION

BS Software Engineering
Auburn University 2004

SUMMARY

C and C++
Objective-C
Perl
Ruby

3 apps in App Store

Event driven
asynchronous network
programming.

SS7 network protocols
TCAP, MAP, and ISUP.

CONTACT

ben@rigas.net
239.246.4559
8033 Breton Circle
Fort Myers, FL 33912

iOS APPS

WAKKLE WORKS, LLC - *Owner*

Sketch Journal for iPad: Drawing app

Organizes drawings into books.
Saves, prints, or shares drawings via email.
Uses custom-built high performance UIKit drawing canvas with images for 'brush' type.

Phlux for iPhone: Photography app

Sends reminders to take a picture at a set time using local notification.
Allows for multiple faces or objects to be photographed regularly.
Finger swipe to view all of the pictures of an object at once, fast or slow depending on finger movement.

ANGRY SOIL, LLC - *Partner*

AR Ghost for iPhone: Augmented reality app

Overlays images of ghosts onto preview screen and plays spooky sound effects.
Uses compass and accelerometer to give the illusion that 'ghost' stays in the same place even as you move the camera around.

WORK EXPERIENCE

INTEROP TECHNOLOGIES, 2005-PRESENT

Associate Director, Software Development - Messaging, 2010- present

Responsible for architecture of messaging products.
Ensure that teams of Senior Software Engineers in Fort Myers and Dallas maintain technical standards.
Communicate between product and operations managers to make sure the right products get made are deployed correctly.

Senior Research and Development Engineer, 2008-2010

Researched and advised executive team on: Erlang, Mongo DB, ENUM, ATCA Hardware, Zero MQ, and Protocol Buffers.
Optimized SMS messaging platform to allow more than 100,000 message delivery attempts per second.

Senior Software Engineer, 2007-2008

Designed and built:
New SMS messaging platform capable of 30,000 message delivery attempts per second.
C++ library for the SMPP messaging protocol, which was used in the SMS product and others.
REST API for subscriber routing using Ruby on Rails.
Customer support web tool for tools and reporting using Ruby on Rails.

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Software Engineer 2005-2007

Introduced subversion version control system to development group

Developed software for:

SMS messaging platform that serviced 30+ cellular carriers.

Ringback Tones platform, which played music to a caller instead of the normal ring as they waited for someone to answer.