

# Rod Spears

## **Skills**

iOS, Objective-C, Swift, Java, Agile, Apple Watch, Android, JSON, XML, RESTful, WebRTC, Realm, SQL, ORM, iBeacon, C++, C

## **Strengths**

Problem Solver, Quick Learner, Communicator, Architect, Mentor

## **Experience**

### **Vertigo Media, Inc. Oct 2015 - Present**

#### iOS Team Lead

- iOS team lead for social media music app
- Manages local and remote engineers
- Lead on all client architectural and design decisions
- Lead developer for custom integration of WebRTC into client app
- Works closely with middleware and back developers
- Created WatchOS extension in Swift
- Mentors junior developers and crafts internal develop processes
- Actively consumes books and articles on Software Development techniques and trends

### **Shoutz, Inc. Mar 2015 - Oct 2015**

#### Mobile Team Lead iOS

- Lead architect for iOS, Android FrontFlip and LotteryHUB apps
- Lead developer for iOS applications, created WatchApp for FrontFlip
- Manage local and remote developers for all mobile clients

### **Mobile Consultant April 2014 - Mar 2015**

#### iOS Consultant

- Created an Apple Watch Extension for an existing iPhone app
- Created app for delivering content when in proximity of various iBeacons (including Estimote, Gimba and Kontakt iBeacon hardware)
- Contributed to a large medical app (Powerchart Touch - Cerner), as part of a team using JIRA, Crusible, and GIT.

**Intouch Solutions - Overland Park, KS**  
**April 2013 - April 2014**

Senior iOS Developer

- Developed highly graphical and interactive iPad-based applications for pharmaceutical sales representatives.
- Developed an app that read data from an external glucose meter and was integrated with iOS Address Book and Text Messaging api.

**University of Kansas - Biodiversity Research Center**  
**July 2003 - April 2013**

Mobile App Development

- Developed an Android app for specimen data collection in the field which integrates GPS mapping, and SQLite.
- Created SpecifyInsight, an iOS app for exploring collection data on an iPad. The specimen data is optimized and compressed from MySQL to SQLite and downloaded via HTTP. SpecifyInsight enables the mobilization of data so it can be taken into the field out of range of network connectivity.

Cyberinfrastructure  
and Thick Client Software Development

- Team Lead and Project Architect for a large client server application written in Java and shipped on Linux, Windows and Mac OS X.
- The client app worked similar to MS-Access that enabled a high degree of customization and configuration.
- Used many contemporary software patterns to enable software componentization and reuse.

**Netscape/ AOL / Time Warner**  
**June 1997 - July 2003**

- Implemented the Printing sub-system for the Gecko layout engine.
- Co-authored the Windows toolkit enabling the browser to run on Windows.
- Proficient in many diverse areas of the code base - including the mail front end, spell check, embedded components, image library, XUL, JavaScript, and HTML forms.

**Education**

Bachelor of Science in Computer Science  
Iowa State University, Ames Iowa